

TE 278
.P7
1915a
Copy 1

ist of Portland Cement Concrete Highways in the United States and Canada



Concrete for Permanence

Portland cement association, Chicago.

Published by
Association of American Portland Cement Manufacturers
Bellevue Court Building, Philadelphia

1915

TE 278
P7
1915a

16-400

11. NOV. 1929

List of Portland Cement Concrete Highways in the United States and Canada

The following, in so far as records are available, is a list of concrete pavements in the United States and Canada. These include roads, street pavements and alleys.

The purpose of this publication is to afford highway officials, engineers, contractors and taxpayers opportunity to inspect this type of pavement under practical conditions. Most of these highways are subjected to all kinds of traffic, in many cases excessive traffic. Some are rural roads designed to meet the requirements of agricultural communities.

Concrete paving is the most economical type devised up to date and meets every modern traffic requirement. It is the best type of highway for combined horse and motor traffic. Concrete roads and streets cannot be transformed into mud or dust, they are not slippery, and they are more satisfactory generally than any other type of durable road of like cost.

The cost of many of the pavements listed is given. It may be of interest to state that the average construction cost of concrete roads 16 feet wide has been \$12,000 per mile. Narrow roads of concrete have been built for \$6,100 to \$7,500 per mile.

Maintenance on properly constructed concrete highways does not exceed \$50.00 per mile per year.

If through this list readers are induced to inspect such concrete pavements as may be accessible, it will have answered a good purpose. Aside from ascertained cost data and conclusions that may be regarded by some as theoretical, this list tells where those who are using concrete roads from day to day may be interviewed. This will be testimony of the highest practical value, for in the last analysis it is the users of a road who are best qualified to determine its economy and efficiency.

In addition to this list of roads is a table showing the rapid increase in the construction of concrete pavements since 1909. This in itself is proof that the concrete road has passed the experimental stage and is constantly growing in public favor.

For further information address

ASSOCIATION OF AMERICAN PORTLAND CEMENT MFRS.

Bellevue Court Building, Philadelphia, Pa.

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICATION	TYPE
ALABAMA							
Dallas.....	Selma	1912	2,360	\$1.00	—	City street	2-course
Dallas.....	Selma	1913	19,000	1.25	—	City street	Bit.-top
Dallas.....	Selma	1914	30,000	1.25	5 yr. guar.	City street	1-course
Jefferson.....	Birmingham	1910	12,994	1.89	—	City street	Bit.-top
Jefferson.....	Birmingham	1911	14,933	1.89	—	City street	1-course
				to			
				1.99			
Jefferson.....	Birmingham	1912	600	—	—	City street	2-course
Jefferson.....	Birmingham	1913	16,700	1.20	—	City street	2-course
Jefferson.....	Birmingham	1914	4,500	—	—	City street	2-course
Lee.....	Opelika	1913	4,800	1.35	5 yr. guar.	City street	1-course
Lee.....	Opelika	1914	15,000	1.35	5 yr. guar.	City street	Bit.-top
							1-course
Madison.....	Huntsville	1909	7,000	1.98	—	City street	2-course
Madison.....	Huntsville	1910	7,000	1.98	—	City street	2-course
Madison.....	Huntsville	1911	13,000	1.98	—	City street	2-course
Madison.....	Huntsville	1912	14,550	1.98	—	City street	2-course
Mobile.....	Mobile	1912	12,800	—	—	City street	Bit.-top
							1-course
ARIZONA							
Maricopa.....	Phoenix	1913	6,747	1.19	—	Road	1-course
Maricopa.....	Phoenix	1914	10,000	—	—	City street	Bit.-top
							2-course
Maricopa.....	Phoenix	1914	11,414	—	—	City street	1-course
ARKANSAS							
Crawford.....	Vanburen	1914	3,400	—	—	City street	1-course
Garland.....	Hot Springs	1908	21,100	—	—	City street	2-course
Jefferson.....	Pine Bluff-N.						
	Redfield	1914	106,000	1.51	—	Road	Bit.-top
							1-course
Pulaski.....	Argenta	1914	130,000	1.14	5 yr. guar.	City street	1-course
Pulaski.....	Little Rock	1911	700	—	Reinforced	Alley	1-course
Pulaski.....	Little Rock	1912	14,000	0.90	—	City street	Bit.-top
							1-course
Pulaski.....	Little Rock	1912	26,000	0.90	Reinforced	City street	2-course
Pulaski.....	Little Rock	1913	28,500	0.65	—	City street	Bit.-top
							1-course
Pulaski.....	Little Rock	1914	9,500	1.10	—	City street	1-course
Sebastian.....	Ft. Smith	1912	63,000	0.69	—	City street	1-course
				to			
				1.30			
Sebastian.....	Ft. Smith	1913	91,278	0.72	—	City street	1-course
Sebastian.....	Ft. Smith	1914	87,000	0.89	—	City street	1-course
CALIFORNIA							
Division 37 ...	—	1912	28,280	1.03	—	Road	Bit.-top
							1-course
State Highway Comm.....	—	1914*	2,496,990	—	—	Road	Bit.-top
							1-course
Alameda.....	Oakland	1913	700	—	—	Alley	1-course
Los Angeles ..	Los Angeles	1912	6,800	—	—	Alley	1-course
Los Angeles ..	Los Angeles	1912	76,000	0.67	—	City street	1-course

*The 1913 work done by the California State Highway Department we understand amounted to 1,750,000 square yards.

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
CAL. (Continued)							
Los Angeles ..	Los Angeles	1913	14,400	—	—	Alley	1-course
Los Angeles ..	Los Angeles	1914	16,100	—	—	Alley	1-course
Los Angeles ..	Los Angeles	1914	6,480	—	—	City street	Bit.-top
Los Angeles ..	Pomona	1914	4,127	\$0.93	Incl. grad.	City street	1-course Bit.-top
Orange	Santa Ana	1914	19,800	0.99	Incl. grad.	City street	1-course Bit.-top
Placer	Roseville	1913	25,850	—	—	Road	1-course
San Francisco	San Francisco	1914	21,120	—	—	Road	1-course
Santa Barbara	Santa Barbara	1914	64,418	1.22	Incl. grad.	City street	Bit.-top 1-course
Santa Clara...	Palo Alto	1914	47,721	1.22 to 1.71	—	City street	Bit.-top 1-course
COLORADO							
Boulder	Boulder	1912	177	1.06	—	Alley	Bit.-top 1-course
Boulder	Boulder	1914	1,795	0.90	—	Alley	2-course
Denver	Denver	1905	500	1.15 to 1.38	—	Alley	2-course
Denver	Denver	1906	2,000	1.15 to 1.38	—	Alley	2-course
Denver	Denver	1907	12,500	1.15 to 1.38	—	Alley	2-course
Denver	Denver	1908	22,000	1.15 to 1.38	—	Alley	2-course
Denver	Denver	1909	24,000	1.15 to 1.38	—	Alley	2-course
Denver	Denver	1910	35,000	1.15 to 1.38	—	Alley	2-course
Denver	Denver	1911	36,000	1.15 to 1.38	—	Alley	2-course
Denver	Denver	1912	47,000	1.15 to 1.38	—	Alley	2-course
Denver	Denver	1913	48,000	1.15 to 1.38	—	Alley	2-course
Denver	Denver	1914	50,000	1.15 to 1.38	—	Alley	2-course
Jefferson	Near Denver	1914	10,560	—	—	Road	1-course
Mesa	Grand Junction	1912	10,000	2.00	—	City street	2-course
Weld	Greeley	1911	1,902	1.57	—	Alley	2-course
CONNECTICUT							
Fairfield	Branchville-	1913	9,018	1.39	—	Road	1-course
Fairfield	Ridgefield	1913	1,600	2.20	—	City street	2-course
Fairfield	Bridgeport	1914	8,889	—	Reinforced	City street	1-course
Fairfield	Darien	1912	6,300	1.32	—	City street	Bit.-top 1-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
CONN. (Cont'd)							
Fairfield.....	Greenwich	1913	6,500	\$1.32	—	Road	Bit.-top 1-course
Fairfield.....	Greenwich	1914	7,117	—	—	Road	1-course
Fairfield.....	Greenwich	1914	42,234	1.54	Incl. grad. and reinf.	Road	Bit.-top 1-course
Fairfield.....	S. Norwalk	1912	11,000	1.27	Incl. grad.	City street	1-course
Fairfield.....	S. Norwalk	1914	9,016	1.21 to 1.26	Reinforced	City street	1-course
Fairfield.....	Stamford	1913	7,000	—	—	Road	1-course
Hartford.....	Hartford	1914	10,124	—	—	City street	Bit.-top 1-course
Hartford.....	Hartford— S. Manchester	1914	6,850	—	Reinforced	Road	1-course
Hartford.....	Manchester	1914	26,055	—	Reinforced	City street	1-course
Hartford.....	New Britain	1914	20,150	0.92	Reinforced	City street	1-course
Hartford.....	West Hartford	1913	10,119	1.58	—	City street	1-course
Hartford.....	West Hartford	1914	22,763	—	Reinforced	City street	1-course
Hartford.....	Windsor	1913	23,000	1.33	—	Road	1-course
Hartford.....	Windsor	1914	30,972	1.11	—	Road	1-course
Litchfield.....	Lakeville— Salisbury	1914	711	—	—	Road	1-course
Litchfield.....	Terryville— Plymouth	1913	5,600	1.31	—	Road	1-course
Middlesex....	Clinton	1914	4,000	—	Reinforced	City street	1-course
Middlesex....	Middletown	1914	9,233	—	—	City street	1-course
Middlesex....	Saybrook— Middletown	1913	11,082	1.43	—	Road	1-course
New Haven...	Branford	1913	6,500	—	—	Road	1-course
New Haven...	Branford Hills	1913	12,700	1.66	—	Road	1-course
New Haven...	Boston Post Rd.—Branford	1914	830	—	—	Road	1-course
New Haven...	Cheshire	1914	7,950	1.10	Reinforced	City street	1-course
New Haven...	Hamden	1914	14,292	1.16	Reinforced	City street	1-course
New Haven...	Meriden	1914	17,387	1.28	Reinforced	City street	1-course
New Haven...	New Haven	1908	13,892	2.20	10 yr. guar.	City street	2-course
New Haven...	New Haven	1908	314	2.20	10 yr. guar.	Alley	2-course
New Haven...	New Haven	1910	34,832	2.40	10 yr. guar.	City street	2-course
New Haven...	New Haven	1910	714	2.40	10 yr. guar.	Alley	2-course
New Haven...	New Haven— Milford	1914	13,078	—	Reinforced	Road	1-course
New Haven...	Orange	1914	45,332	—	Reinforced	Road	1-course
New Haven....	So. Meriden	1913	11,140	0.89	—	Road	1-course
New Haven...	Wallingford	1914	3,608	1.23 to 1.40	5 yr. guar.	City street	2-course
New Haven...	Waterbury	1914	6,222	1.29	Reinforced	Road	1-course
New London..	New London	1907	850	1.74	—	City street	2-course
New London..	New London	1914	8,734	—	Reinforced	City street	1-course
Windham.....	N. Grosvenor Dale Rd.— Thompson	1914	6,674	1.51	Reinforced	Road	1-course
Windham.....	Willimantic	1914	6,000	—	—	City street	1-course
DELAWARE							
New Castle...	Delaware City	1913	12,000	1.20	—	City street	2-course
Sussex.....	Georgetown	1913	2,000	1.16	—	City street	1-course
Sussex.....	Milford	1911	4,667	0.95	—	City street	1-course
Sussex.....	Milford	1912	2,300	1.10	—	City street	1-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICATION	TYPE
DISTRICT OF COLUMBIA							
..	Washington	1910	2,024	—	—	City street	Bit.-top 1-course
..	Washington	1912	15,213	\$0.56 to 0.84	—	City street	Bit.-top 1-course
..	Washington	1913	25,777	0.84 to 0.94	—	City street	Bit.-top 1-course
..	Washington	1914	1,438	0.82	—	City street	Bit.-top 1-course
..	Washington	1914	307	—	—	City street	1-course
FLORIDA							
Duval.....	—	1908	16,000	0.83	—	Road	2-course
Duval.....	—	1910	40,000	—	—	Road	2-course
Duval.....	Atlantic Beach	1914	2,000	—	—	City street	1-course
Duval.....	Jacksonville	1913	2,500	0.97	—	City street	2-course
Duval.....	Jacksonville	1914	26,141	1.31	—	City street	Bit.-top 1-course
Escambia.....	Pensacola	1912	31,604	1.36	Incl. grading	City street	2-course
Escambia.....	Pensacola	1913	25,000	1.24	—	City street	2-course
Hillsboro.....	Tampa	1910	400	—	—	Alley	2-course
Hillsboro.....	Port Tampa	1914	13,000	1.50	Reinforced	City street	Bit.-top 2-course
Lake.....	Eustis	1914	396	1.26	—	City street	2-course
Lee.....	Ft. Myers	1914	980	1.50	—	City street	1-course
Pinellas.....	Clearwater	1913	5,849	1.44	—	City street	Bit.-top 2-course
GEORGIA							
Bibb.....	Macon	1912	7,143	1.25	—	Alley	1-course
Bibb.....	Macon	1913	7,881	1.18	—	Alley	1-course
Bibb.....	Macon	1913	16,416	1.40	Incl. grading	City street	1-course
Bibb.....	Macon	1914	17,142	1.33 to 1.53	—	City street	1-course
Clarke.....	Athens	1912	4,078	1.10	—	City street	Bit.-top 2-course
Clarke.....	Athens	1913	23,530	1.10	—	City street	Bit.-top 2-course
Clarke.....	Athens	1914	19,498	1.10 to 1.12	—	City street	Bit.-top 2-course
Floyd.....	Rome	1912	2,232	1.25	—	City street	1-course
Fulton.....	Atlanta	1913	17,000	1.25	—	City street	Bit.-top 1-course
Fulton.....	Atlanta	1914	4,525	—	Convict labor	Road	1-course
Richmond.....	Augusta	1912	1,000	—	—	City street	1-course
Richmond.....	Augusta	1914	120	1.50	—	Alley	2-course
IDAHO							
Ada.....	Boise	1910	6,878	1.10	—	Alley	1-course
Ada.....	Boise	1910	75,049	1.09 to 1.15	—	City street	1-course
Ada.....	Boise	1911	3,482	1.04	—	City street	1-course
Ada.....	Boise	1912	1,120	—	—	Alley	1-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICATION	TYPE
IDAHO (Cont'd)							
Ada.....	Boise	1912	3,891	\$1.05	—	City street	1-course
Ada.....	—	1912	21,422	0.99	—	Road	2-course
Ada.....	—	1912	20,000	0.83	—	Road	Bit.-top 1-course
Ada.....	Boise	1913	80,000	—	—	Road	2-course
Latah.....	Moscow	1913	69,061	1.28	—	City street	1-course
Latah.....	Moscow	1914	5,000	—	—	City street	Bit.-top 1-course
Nez Perce	Lewiston	1914	5,000	—	—	City street	1-course
Shoshone.....	Kellogg	1914	9,000	—	—	City street	1-course
ILLINOIS							
Adams.....	Quincy	1912	18,800	1.06	—	City street	Bit.-top 1-course
Adams.....	Quincy	1913	1,524	1.40	Incl. grad- ing	Alley	1-course
Bond.....	Greenville	1910	5,333	0.85	—	Road	1-course
Bond.....	Greenville	1910	6,933	—	—	Road	2-course
Bond.....	Greenville	1911	3,500	0.75	—	City street	1-course
Boone.....	Belvidere	1914	4,445	—	—	Road	1-course
Bureau.....	Princeton	1913	3,000	—	—	City street	1-course
Bureau.....	Princeton	1914	4,820	0.92 to 1.22	Incl. grad- ing	City street	1-course
Cass.....	Beardstown	1914	7,277	—	—	Road	1-course
Cass.....	Chandlerville	1912	1,470	0.96	—	Road	1-course
Champaign ...	Champaign	1914	21,680	1.45 to 1.50	Reinforced	City street	1-course
Champaign ...	Seymour	1910	3,000	—	—	Road	2-course
Christian	Taylorville	1914	3,538	1.39	Reinforced	City street	2-course
Clark	Martinsville	1914	6,222	0.62	Excl. cement	Road	1-course
Clay.....	Clay City	1914	3,888	0.58	Excl. cement	Road	1-course
Coles	Charleston	1914	2,400	1.30	Incl. grad- ing	City street	2-course
Coles.....	Mattoon	1912	14,530	1.03	—	City street	1-course
Coles.....	Mattoon	1912	1,000	0.76	—	Alley	1-course
Coles.....	Mattoon	1913	2,500	1.03	—	City street	1-course
Cook.....	Chicago	1903	5,000	—	—	City street	2-course
Cook.....	Chicago	1904	25,000	—	—	City street	2-course
Cook.....	Chicago	1905	3,750	—	—	Alley	2-course
Cook.....	Chicago	1906	20,000	—	—	City street	2-course
Cook.....	Chicago	1906	3,200	—	—	Alley	2-course
Cook.....	Chicago	1907	30,000	—	—	City street	2-course
Cook.....	Chicago	1907	6,000	—	—	Alley	2-course
Cook.....	Chicago	1908	11,800	—	—	City street	2-course
Cook.....	Chicago	1908	11,627	—	—	Alley	2-course
Cook.....	Chicago	1909	10,906	—	—	City street	2-course
Cook.....	Chicago	1909	10,377	—	—	Alley	2-course
Cook.....	Chicago	1910	2,000	—	—	City street	2-course
Cook.....	Chicago	1911	8,692	—	—	Alley	2-course
Cook.....	Chicago	1912	13,000	—	—	City street	1-course
Cook.....	Chicago Hts.	1912	3,300	0.82	—	City street	Bit.-top 1-course
Cook.....	Chicago	1912	3,095	—	—	Alley	1-course
Cook.....	Chicago	1912	12,556	—	—	Alley	2-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
ILL. (Cont'd)							
Cook.....	Chicago	1913	3,800	\$1.65	Reinforced	City street	1-course
Cook.....	Chicago	1913	2,056	2.13	Reinforced	City street	2-course
Cook.....	Chicago	1913	36,165	—	—	Alley	1-course
Cook.....	Chicago	1913	538	—	—	Alley	2-course
Cook.....	Chicago	1914	1,860	—	Reinforced	City street	1-course
Cook.....	Chicago	1914	29,470	—	—	City street	1-course
Cook.....	Chicago	1914	44,608	1.31	—	Alley	1-course
				to			
				2.00			
Cook.....	Des Plaines	1914	41,500	1.23	Reinforced	City street	1-course
Cook.....	Dolton	1914	4,080	1.08	Incl. grad- ing	Road	1-course
Cook.....	Evanston	1912	13,569	0.95	—	City street	Bit.-top 1-course
Cook.....	Evanston	1913	7,500	0.59	Incl. grad- ing	City street	1-course
Cook.....	Evanston	1914	1,420	—	—	City street	1-course
Cook.....	Glencoe	1914	3,984	1.45	Reinforced	City street	1-course
Cook.....	Harvey	1914	14,222	0.94	Excl. cement	Road	1-course
Cook.....	Harvey	1914	38,886	1.13	Excl. ce- ment (incl. grading)	Road	1-course
Cook.....	Harvey Limits	1914	5,246	—	—	Road	1-course
Cook.....	Lyons	1914	22,100	1.53	Reinforced	City street	2-course
				to			
				1.73			
Cook.....	Morgan Park	1913	2,015	1.38	Reinforced	City street	1-course
Cook.....	Morgan Park	1914	31,117	1.39	Reinforced	City street	1-course
				to			
				1.50			
Cook.....	Morton Grove	1914	1,400	—	—	City street	2-course
Cook.....	Niles	1913	7,538	1.59	—	Road	1-course
Cook.....	Niles	1914	48,000	1.25	Incl. grad- ing	Road	1-course
Cook.....	Park Ridge	1914	5,555	1.25	Reinforced	City street	2-course
Cook.....	Riverdale	1914	5,246	0.89	Excl. cement	Road	1-course
Cook.....	Riverside	1913	500	—	Reinforced	City street	2-course
Cook.....	Riverside Bridge	1914	603	1.53	Incl. grad- ing and re- forced	City street	2-course
Cook.....	Summit	1914	32,470	0.70	Excl. cement	Road	1-course
Cook.....	Western Springs	1913	1,000	1.75	Reinforced	Road	1-course
Cook.....	Wilmette	1914	3,660	1.15	Incl. grad- ing	City street	1-course
Cook.....	Winnetka	1914	4,000	1.22	Incl. grad- ing and re- inforced	Road	1-course
Cook.....	Winnetka	1914	2,035	1.40	Incl. grad- ing	Road	1-course
Crawford.....	Robinson	1914	10,330	—	—	Road	1-course
Dekalb.....	De Kalb	1912	7,334	0.82	Incl. grad- ing and re- inforced	Road	1-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
ILL. (Cont'd)							
Dekalb	DeKalb	1914	17,470	—	—	Road	1-course
Dekalb	DeKalb-Sycamore	1914	6,677	\$1.47	Incl. grading	Road	1-course
Dekalb	Malta	1914	2,200	—	—	Road	1-course
Dupage	Ardmore-Fairfield	1914	11,733	—	—	Road	1-course
Dupage	Hinsdale	1914	1,280	1.55	Reinforced	City street	1-course
Dupage	Naperville	1914	5,500	—	Reinforced	City street	2-course
Effingham	Effingham	1912	60,000	1.60	Incl. grading	City street	2-course
Franklin	Whittington-Ewing	1914	6,333	0.73	Excl. cement	Road	1-course
Henry	Geneseo	1913	6,300	1.30	—	City street	1-course
Henry	Geneseo	1914	10,386	1.63	Reinforced	City street	1-course
Henry	Kewanee	1904	845	1.54	—	Alley	2-course
Iroquois	Watseka-Bloomington	1914	14,444	—	—	Road	1-course
Iroquois	Watseka-County Farm	1914	14,784	0.63	Excl. cement	Road	1-course
Jasper	Newton	1912	8,400	1.05	—	City street	1-course
Jasper	Newton	1913	6,232	1.15	Incl. grad.	City street	Bit.-top 1-course
Jefferson	Mt. Vernon-Fairfield	1914	4,250	0.70	Excl. cement	Road	1-course
Jersey	Jerseyville-Fieldon	1914	3,444	—	—	Road	1-course
Johnson	Bloomfield	1913	9,072	1.45	Reinforced	City street	1-course
Kane	Aurora-Elgin	1914	24,000	1.34	Incl. grading Excl. cement	Road	1-course
Kane	Mooseheart	1914	4,170	1.22	—	City street	1-course
Kane	Mooseheart, Lincoln Highway	1914	3,000	—	Reinforced	Road	1-course
Kankakee	Kankakee	1914	14,100	1.63	Reinf. Incl. grading	City street	1-course
Kankakee	Kankakee River Road	1914	10,266	—	—	Road	1-course
Lake	Braeside	1912	6,200	1.10	—	Road	1-course
Lake	Deerfield	1912	6,400	1.10	—	Road	1-course
Lake	Ft. Sheridan	1914	800	—	—	Road	1-course
Lake	Highland Park	1912	2,260	1.01	Incl. cinder foundation	City street	Bit.-top 1-course
Lake	Highland Park	1913	2,700	1.70	Incl. curb	City street	1-course
Lake	Highland Park	1914	17,200	1.07	Excl. cement and grad. Incl. curb and reinf.	City street	2-course
Lake	Highwood	1914	9,103	1.22	Incl. grad-ing	City street	1-course
Lake	Lake Villa	1914	14,117	0.90	—	Road	1-course
Lake	Ravinia	1913	4,800	1.10	—	City street	1-course
Lake	Waukegan	1909	642	1.65	—	City street	2-course
Lasalle	Lasalle	1913	11,844	1.13	—	Road	1-course
Lasalle	Lasalle	1914	4,600	1.50	—	Road	1-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
ILL. (Cont'd)							
Lawrence.....	Bridgeport	1914	5,200	\$1.12	—	Road	1-course
Lawrence.....	Lawrenceville	1912	401	0.72	Incl. curb	City street	1-course
Lawrence.....	Petroleum	1914	8,577	—	—	Road	1-course
Lee.....	Dixon	1914	5,000	1.34	—	Road	1-course
Lee.....	Dixon	1914	7,000	1.03	—	Road	1-course
Livingston....	Pontiac	1914	12,697	1.53	Incl. grad- ing	Road	1-course
Logan.....	Lincoln	1910	1,777	—	—	City street	1-course
Logan.....	Lincoln	1912	2,000	0.78	—	City street	1-course
Logan.....	Lincoln	1914	8,214	—	—	Road	1-course
McHenry.....	Harvard	1913	8,000	—	—	City street	1-course
McHenry.....	Woodstock	1914	44,400	1.13	—	City street	Bit.-top
McHenry.....	Woodstock	1914	4,445	1.17	Incl. grad- ing. Excl. cement	Road	1-course
McLean.....	Bloomington	1914	1,423	1.41	Incl. grad- ing	Alley	2-course
McLean.....	Leroy	1913	5,100	1.29	—	City street	1-course
McLean.....	McLean	1912	5,000	0.79	—	City street	1-course
McLean.....	Shirley	1913	6,730	1.29	—	City street	1-course
Macon.....	Decatur	1912	4,090	1.12	—	Road	1-course
Macon.....	Decatur	1913	5,334	1.13	—	City street	1-course
Macoupin	Carlinville	1912	7,100	0.82	Reinforced	Road	1-course
Macoupin	Carlinville	1912	4,000	1.20	—	Road	2-course
Macoupin	Carlinville	1914	4,749	1.29	Excl. cement	Road	1-course
Madison	Edwardsville	1913	11,200	—	—	Road	1-course
Madison	Edwardsville	1913	1,212	1.42	—	Road	Bit.-top
Madison	Edwardsville	1914	24,166	1.19 to 1.30	—	Road	1-course
Madison	Highland	1910	840	—	—	City street	1-course
Madison	Highland	1913	6,600	—	—	Road	1-course
Madison	Highland	1914	2,710	1.20	—	Road	1-course
Madison	Upper Alton	1914	1,786	—	—	Road	1-course
Menard.....	Petersburg	1914	2,553	—	—	Road	1-course
Mercer.....	Aledo	1913	86,000	1.06	—	City street	1-course
Morgan.....	Jacksonville	1913	2,148	—	—	Road	1-course
Ogle.....	Mt. Morris	1914	1,933	—	Reinforced	City street	1-course
Peoria	Bartonville	1914	8,000	1.08	—	Road	1-course
Peoria	Peoria	1912	444	—	—	Alley	2-course
Peoria	Peoria	1913	3,300	—	—	City street	1-course
Peoria	Peoria	1913	4,186	0.83 to 0.89	—	Alley	1-course
Peoria	Peoria	1914	1,014	1.26	Reinforced	City street	2-course
Peoria	Peoria	1914	835	0.95	—	Alley	1-course
Peoria	Peoria	1914	1,287	1.11	—	Road	1-course
Peoria	Peoria	1914	6,982	—	—	Road	1-course
Putnam	Granville	1909	15,000	—	—	City street	1-course
Rock Island...	Joslin	1914	2,000	—	—	Road	1-course
Rock Island...	Moline	1909	2,777	1.31	—	Alley	1-course
Rock Island...	Moline	1910	3,550	1.48 to 1.60	—	Alley	2-course
Rock Island...	Moline	1913	5,000	1.30	Incl. grading	City street	1-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICATION	TYPE
ILL. (Cont'd)							
Rock Island...	Moline	1913	2,244	\$1.30	—	Alley	1-course
Rock Island...	Moline	1914	3,940	1.19	Reinforced	City street	1-course
Rock Island...	Moline	1914	6,290	1.00	—	Alley	1-course
				to 1.32			
Rock Island...	Taylor Ridge	1914	5,518	1.31	Incl. grad- ing. Excl. cement	Road	1-course
St. Clair.....	Belleville	1913	5,600	1.44	Reinforced	City street	2-course
St. Clair.....	Belleville	1914	27,552	1.30	Reinforced	City street	2-course
				to 1.60			
St. Clair.....	Belleville	1914	26,800	1.61	Incl. grad. Excl. plates, filler and reinf.	City street	2-course
Saline.....	Eldorado	1914	5,280	1.20	—	Road	1-course
Sangamon....	Springfield	1912	615	1.14	—	Alley	2-course
Sangamon....	Springfield	1912	5,594	1.04	Incl. grad- ing	Road	1-course
Sangamon....	Springfield	1913	8,000	—	—	City street	1-course
Sangamon....	Springfield	1913	8,600	—	—	City street	Bit.-top 1-course
Sangamon....	Springfield	1914	24,663	—	—	Road	1-course
Sangamon....	Springfield	1914	4,400	1.14	Excl. cement	Road	1-course
Sangamon....	Springfield	1914	6,530	0.91	Excl. cement	Road	1-course
Sangamon....	Springfield	1914	6,600	1.03	Excl. cement	Road	1-course
Stephenson...	Freeport	1913	900	1.00	—	City street	1-course
Tazewell.....	Delavan	1914	32,300	1.18	Reinforced	City street	1-course
Tazewell.....	Delavan	1914	4,751	—	—	Road	1-course
Tazewell.....	Delavan	1914	2,469	0.90	Excl. cement	Road	1-course
Wabash.....	Mt. Carmel	1914	8,200	1.20	Reinforced	City street	1-course
Whiteside....	Morrison	1914	6,581	1.27	Incl. grad- ing	City street	1-course
Whiteside....	Morrison-Erie	1914	3,444	—	—	Road	1-course
Whiteside....	Prophetstown	1914	3,350	1.27	Reinforced	City street	1-course
Will.....	Joliet	1913	200	—	Reinforced	City street	2-course
Will.....	Joliet	1914	11,000	0.90	Excl. cement	Road	1-course
Williamson...	Marion	1914	2,580	—	—	City street	2-course
Williamson...	Marion	1914	518	1.42	—	Alley	2-course
				to 1.56			
Williamson...	Marion	1914	7,000	0.62	Excl. cement	Road	1-course
Winnebago...	Rockford	1914	5,760	1.10	Incl. grad- ing	City street	1-course
Woodford....	Eureka	1914	9,300	0.90	Excl. cement	Road	1-course
State Roads..	(not enumer- ated)	1913	39,918	1.02	—	Road	1-course
INDIANA							
Allen.....	Ft. Wayne	1914	3,415	—	Reinforced	City street	2-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
IND. (Cont'd)							
Allen.....	Ft. Wayne	1914	24,263	—	—	Road	1-course
Allen.....	Ft. Wayne	1914	17,447	\$1.38	Incl. grad- ing	Road	1-course
Allen.....	New Haven	1914	13,876	—	—	Road	1-course
Benton.....	Ambia	1914	6,670	1.44	Reinforced, incl. grad- ing	City street	1-course
Cass.....	Logansport	1900	370	—	—	Alley	2-course
Cass.....	Logansport	1914	8,306	1.23	Incl. grad- ing	Road	1-course
Clinton.....	Frankfort	1913	1,600	1.20	Incl. grad- ing	City street	Bit.-top 1-course
Clinton.....	Frankfort	1914	14,460	1.25	Incl. grad- ing	City street	2-course
Delaware.....	Muncie	1914	26,000	—	—	City street	1-course
Elkhart.....	Elkhart	1914	19,672	1.17	—	City street	1-course
Elkhart.....	Elkhart	1914	482	1.35	—	Alley	1-course
Elkhart.....	Elkhart	1914	5,860	—	—	Road	1-course
Fayette.....	Connersville	1891	500	—	—	Alley	2-course
Fayette.....	Connersville	1912	65,000	1.02	Incl. grad- ing	City street	2-course
Fayette.....	Connersville	1913	47,000	1.22	—	City street	2-course
Fayette.....	Connersville	1914	444	—	—	Alley	2-course
Fulton.....	Rochester	1914	4,475	1.10	Excl. rein- forcement. Incl. grad- ing	City street	1-course
Fulton.....	Rochester	1914	1,504	1.10	—	Alley	1-course
Fulton.....	Rochester	1914	35,200	—	—	Road	1-course
Greene.....	Bloomfield	1913	9,272	1.45	Reinforced	Road	1-course
Henry.....	Anderson- Middletown	1914	6,949	0.87	Reinforced	Road	1-course
Henry.....	Knightstown	1914	32,090	1.15	Reinforced	City street	1-course
Huntington...	Huntington	1907	800	0.95	—	Alley	1-course
Huntington...	Huntington	1909	800	0.95	—	Alley	1-course
Huntington...	Huntington	1911	800	0.95	—	Alley	1-course
Huntington...	Huntington	1913	21,500	1.09	—	Road	Bit.-top 1-course
Huntington...	Huntington	1914	528	0.90	—	City street	1-course
Huntington...	Huntington	1914	560	0.90	—	Alley	1-course
Huntington...	Roanoke	1914	3,332	1.37	Reinforced	City street	1-course
Huntington...	Warren, Woods Henderson Rd.	1914	2,000	1.65	Reinforced	Road	1-course
Jackson.....	Brownstown	1914	5,027	1.11	Incl. grading	Road	1-course
Jackson.....	Seymour	1910	3,000	—	—	City street	2-course
Jackson.....	Seymour	1913	35,000	1.00	Reinforced	City street	2-course
Jackson.....	Seymour	1914	13,000	1.37	Guar. 5 yrs.	City street	2-course
Jackson.....	Seymour	1914	10,250	—	Reinforced	City street	2-course
Knox.....	Wheatland- Vincennes	1914	11,578	—	—	Road	1-course
Kosciusko....	Warsaw	1912	1,800	1.14	—	Alley	2-course
Lake.....	Gary	1906	11,000	1.65	—	City street	2-course
Lake.....	Gary	1907	11,000	1.65	—	City street	2-course
Lake.....	Gary	1908	32,000	1.90	—	City street	2-course
Lake.....	Gary	1914	3,500	1.70	—	City street	2-course
Lake.....	Gary	1914	8,517	1.30 to 1.40	—	Alley	1-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
IND. (Cont'd)							
Laporte	Laporte	1914	486	\$1.49	—	Alley	1-course
Laporte	Michigan City	1914	3,030	—	—	City street	1-course
Madison	Anderson	1912	400	1.35	Incl. grad- ing	City street	1-course
Madison	Anderson	1913	2,700	—	—	City street	1-course
Madison	Anderson	1914	22,477	1.20	Reinforced	City street	1-course
Madison	Anderson	1914	1,300	0.95	—	City street	1-course
Marion	Indianapolis	1913	567	0.82	Reinforced	Road	1-course
Marion	Indianapolis	1914	3,647	1.58	Reinforced	City street	2-course
Marion	Indianapolis	1914	2,424	—	—	Road	1-course
Marion	Indianapolis	1914	530	1.22	—	Road	1-course
Montgomery . .	Crawfordsville	1914	7,940	1.10	—	Road	1-course
Montgomery . .	Darlington	1914	10,300	—	—	Road	1-course
Noble	Albion	1914	4,268	1.35	Reinforced	City street	1-course
Noble	Kendallville	1912	12,000	1.35	—	City street	Bit.-top 1-course
Parke	Rockville	1912	5,000	1.10	Reinforced	City street	1-course
Ripley	Osgood	1914	1,800	1.26	Incl. grad- ing	City street	1-course
Rush	Rushville	1914	2,019	—	—	City street	1-course
St. Joseph . . .	River Park	1913	600	—	Reinforced	City street	1-course
St. Joseph . . .	S. Bend	1913	9,754	1.23	—	City street	1-course
St. Joseph . . .	S. Bend	1913	1,266	—	—	Alley	1-course
St. Joseph . . .	S. Bend	1914	6,153	1.16	Incl. grad- ing	City street	1-course
Scott	Oard Springs— Scottsburg	1914	6,160	—	—	Road	2-course
Sullivan	Sullivan	1914	2,600	—	Reinforced	City street	2-course
Tippecanoe . . .	La Fayette	1914	5,509	1.14	Reinforced	City street	1-course
Vanderburg . . .	Cypress— Evansville	1914	2,165	1.25	Reinforced, incl. grading	Road	2-course
Vanderburg . . .	Evansville	1914	6,520	1.13 to 1.20	Reinforced, incl. grading	City street	1-course
Vanderburg . . .	Evansville	1914	8,667	1.20	Reinforced, incl. grading	City street	2-course
Vanderburg . . .	Evansville	1914	913	1.32	—	Alley	1-course
Vermilion	Clinton	1914	29,666	1.10	—	Road	1-course
Vigo	Terre Haute	1914	31,000	—	Reinforced	City street	1-course
Vigo	Terre Haute	1914	9,331	1.31	Reinforced, incl. grading	City street	2-course
Warren	Williamsport	1914	11,904	1.35	Reinforced	City street	2-course
Wayne	Richmond	1896	140	2.43	—	Alley	2-course
Wayne	Richmond	1901	626	1.26 to 1.53	—	Alley	2-course
Wayne	Richmond	1902	814	1.26 to 1.80	—	Alley	2-course
Wayne	Richmond	1904	834	1.17	—	Alley	2-course
Wayne	Richmond	1905	88	1.39	—	Alley	2-course
Wayne	Richmond	1906	3,179	1.17 to 1.35	—	Alley	2-course
Wayne	Richmond	1907	3,348	1.17 to 1.44	—	Alley	2-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
IND. (Cont'd)							
Wayne.....	Richmond	1908	972	\$0.99	—	Alley	2-course
Wayne.....	Richmond	1909	2,114	0.99 to 1.08	—	Alley	2-course
Wayne.....	Richmond	1910	1,648	1.35 to 1.48	—	Alley	2-course
Wayne.....	Richmond	1911	4,757	0.99 to 2.25	—	Alley	2-course
Wayne.....	Richmond	1912	3,437	0.99 to 1.44	—	Alley	2-course
Wayne.....	Richmond	1913	7,359	0.99 to 1.56	—	Alley "	2-course
Wayne.....	Richmond	1914	15,820	—	Reinforced	City street	1-course
Wayne.....	Richmond	1914	3,454	1.21	Reinforced	City street	1-course
Wayne.....	Richmond	1914	31,400	0.95 to 0.97	—	Road	1-course
Wells.....	Bluffton	1914	4,220	1.59	Incl. grad- ing	City street	1-course
IOWA							
Adair.....	Greenfield	1911	10,500	1.34	Incl. grad- ing	City street	2-course
Adair.....	Greenfield	1912	15,000	1.24	—	City street	2-course
Adair.....	Greenfield	1913	25,000	—	—	City street	2-course
Appanoose....	Centerville	1912	3,800	1.41	Incl. grad- ing	City street	1-course
Benton.....	Vinton	1912	10,592	1.07	Reinforced	City street	2-course
Benton.....	Vinton	1913	16,426	1.27 to 1.37	Reinforced	City street	2-course
Benton.....	Vinton	1913	30,200	1.27	—	Road	2-course
Benton.....	Vinton	1914	9,800	1.29	—	Alley	1-course
Benton.....	Vinton-Noble	1914	850	1.40	Incl. grad- ing	Road	1-course
Blackhawk....	Cedar Falls	1912	28,000	0.92	—	City street	2-course
Blackhawk....	Waterloo	1912	1,300	0.99	—	City street	1-course
Blackhawk....	Waterloo	1912	1,300	1.25	—	City street	2-course
Blackhawk....	Waterloo	1912	1,500	1.36	—	Alley	2-course
Blackhawk....	Waterloo	1913	600	1.25	—	Alley	2-course
Blackhawk....	Waterloo	1914	1,500	1.36	—	Alley	2-course
Bremer.....	Waverly	1912	3,000	0.99	—	Alley	1-course
Cass.....	Atlantic	1913	13,397	1.12 to 1.24	—	City street	1-course
Cass.....	Atlantic	1914	60,000	1.17	—	City street	1-course
Cerro Gordo ..	Clear Lake	1913	38,000	1.26 to 1.43	—	City street	2-course
Cerro Gordo ..	Mason City	1909	11,471	1.25	Incl. grad- ing	Alley	2-course
Cerro Gordo ..	Mason City	1910	18,386	1.25	Incl. grad- ing	City street	2-course
Cerro Gordo ..	Mason City	1910	1,563	1.28	Incl. grad- ing	Alley	2-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICATION	TYPE
IOWA (Cont'd)							
Cerro Gordo ..	Mason City	1911	33,117	\$1.38	Incl. grad- ing	City street	2-course
Cerro Gordo ..	Mason City	1911	13,805	1.25	—	City street	2-course
Cerro Gordo ..	Mason City	1911	860	—	—	City street	2-course
Cerro Gordo ..	Mason City	1912	49,810	1.08 to 1.75	Incl. grad- ing	City street	2-course
Cerro Gordo ..	Mason City	1913	25,328	1.18 to 2.00	Incl. grad- ing	City street	2-course
Cerro Gordo ..	Mason City	1913	9,472	1.12	—	Road	1-course
Cerro Gordo ..	Mason City	1914	100	1.10	—	City street	2-course
Chickasaw	New Hampton	1911	10,700	1.29	Incl. grad- ing	City street	2-course
Chickasaw	New Hampton	1913	9,683	1.38	5 yr. guar.	City street	2-course
Clinton	Clinton	1912	4,700	1.00	Incl. grad- ing	City street	2-course
Clinton	Clinton	1913	27,800	1.18	—	City street	Bit.-top 1-course
Clinton	Clinton	1914	1,300	1.45	—	City street	1-course
Dallas	Perry	1911	7,920	0.85	—	Road	1-course
Dallas	Perry	1912	12,000	0.94	—	City street	1-course
Dallas	Near Perry	1913	3,800	0.84	—	Road	1-course
Davis	Bloomfield	1913	2,400	1.29	—	Alley	1-course
Davis	Bloomfield	1914	2,822	1.46	Incl. grad- ing	City street	1-course
Davis	Bloomfield	1914	5,295	1.46	—	City street	2-course
Davis	Bloomfield	1914	535	1.46	—	Alley	1-course
Delaware	Manchester	1911	700	1.25	—	Alley	2-course
Delaware	Manchester	1912	2,380	1.20	—	City street	2-course
Des Moines ..	Burlington	1910	4,187	1.48	—	City street	2-course
Des Moines ..	Burlington	1911	5,000	1.34	—	City street	2-course
Des Moines ..	Burlington	1912	8,615	0.96	—	City street	1-course
Des Moines ..	Burlington	1913	65,577	1.09 to 1.17	—	City street	1-course
Des Moines ..	Burlington	1913	8,401	1.46	—	City street	Bit.-top 1-course
Des Moines ..	Burlington	1913	3,000	1.15	—	Alley	1-course
Des Moines ..	Burlington	1914	3,011	1.17 to 1.22	Incl. grad- ing	City street	1-course
Dubuque	Dubuque	1909	370	0.80	—	Alley	1-course
Dubuque	Dubuque	1912	475	1.12	—	City street	2-course
Dubuque	Dubuque	1912	553	1.12 to 1.29	—	Alley	2-course
Dubuque	Dubuque	1913	5,939	1.44 to 1.60	—	City street	2-course
Dubuque	Dubuque	1913	260	1.29	—	Alley	1-course
Dubuque	Dubuque	1914	6,000	1.39	—	City street	2-course
Dubuque	Dubuque	1914	1,200	1.85 to 1.93	—	Alley	1-course
Franklin	Hampton	1913	45,600	1.21	—	City street	2-course
Fremont	Hamburg	1913	1,880	1.35	—	Alley	1-course
Hardin	Eldora	1910	10,000	1.36	—	City street	2-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
IOWA (Cont'd)							
Hardin.....	Eldora	1911	30,000	\$1.35	—	City street	2-course
Hardin.....	Eldora	1912	40,000	1.36	—	City street	2-course
Hardin.....	Iowa Falls	1913	30,000	1.17	—	City street	2-course
Howard.....	Cresco	1911	11,867	1.35	Incl. grad- ing	City street	2-course
Howard.....	Cresco	1914	20,000	1.33	—	City street	Bit.-top 1-course
Jasper.....	Newton	1913	54,486	1.19 to 1.29	—	City street	2-course
Jasper.....	Newton	1913	3,424	1.19	—	Alley	1-course
Johnson.....	Iowa City	1911	2,270	1.23	—	Alley	2-course
Johnson.....	Iowa City	1912	5,120	1.06	—	Alley	1-course
Jones.....	Anamosa	1913	1,000	—	—	City street	1-course
Jones.....	Monticello	1914	20,000	1.36	Incl. grad- ing	City street	Bit.-top 1-course
Lee.....	Ft. Madison	1914	1,000	1.12	—	Alley	2-course
Lee.....	Keokuk	1912	3,503	0.85 to 1.03	—	City street	1-course
Lee.....	Keokuk	1913	13,141	0.86 to 1.03	—	City street	1-course
Lee.....	Keokuk	1913	15,490	0.84 to 0.93	—	Alley	1-course
Lee.....	Keokuk	1914	2,207	0.99	—	City street	1-course
Lee.....	Keokuk	1914	1,325	0.86 to 0.97	—	Alley	1-course
Linn.....	Cedar Rapids	1912	27,628	1.08 to 1.29	—	City street	2-course
Linn.....	Cedar Rapids	1912	1,843	—	—	Alley	2-course
Linn.....	Cedar Rapids	1913	24,905	1.16 to 1.25	—	City street	2-course
Linn.....	Cedar Rapids	1913	2,500	1.20	—	Alley	2-course
Linn.....	Cedar Rapids	1914	19,191	1.00 to 1.37	—	City street	2-course
Linn.....	Cedar Rapids	1914	4,300	1.17	—	Alley	2-course
Louisa.....	Columbus Jct.	1914	12,791	—	—	Road	1-course
Lucas.....	Chariton	1914	8,328	1.29	—	Alley	2-course
Lyon.....	Rock Rapids	1913	1,000	—	—	City street	1-course
Marion.....	Knoxville	1909	29,100	1.52	—	City street	2-course
Marion.....	Knoxville	1910	10,900	1.52	—	City street	2-course
Marion.....	Knoxville	1911	9,200	1.52	Incl. grad- ing	City street	2-course
Marion.....	Knoxville	1911	2,000	—	—	Alley	2-course
Marshall.....	Marshalltown	1909	1,417	1.50	—	Alley	2-course
Marshall.....	Marshalltown	1910	752	1.40	—	Alley	2-course
Marshall.....	Marshalltown	1911	6,761	—	—	City street	2-course
Marshall.....	Marshalltown	1911	7,388	0.98	—	City street	2-course
Marshall.....	Marshalltown	1912	64,000	1.08	—	City street	2-course
Marshall.....	Marshalltown	1913	6,500	1.08	—	Road	1-course
Marshall.....	Marshalltown	1914	5,534	1.31	Incl. grad- ing	City street	2-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
IOWA (Cont'd)							
Marshall	Marshalltown	1914	453	\$1.25	—	Alley	2-course
Mills	Glenwood	1911	7,067	1.25	—	City street	1-course
Mitchell	Osage	1910	40,000	1.39	—	City street	1-course
Montgomery . .	Red Oak	1911	3,128	1.27	—	City street	1-course
Montgomery . .	Red Oak	1913	3,004	1.28	—	City street	1-course
Montgomery . .	Red Oak	1913	2,500	1.30	Incl. grading	Alley	1-course
Muscatine	Moscow	1914	3,876	1.10	—	Road	1-course
Muscatine	Muscatine	1912	666	0.89	—	City street	1-course
Muscatine	Muscatine	1912	2,000	0.96	—	Alley	1-course
Muscatine	Muscatine	1913	2,970	1.35	—	City street	2-course
Muscatine	Muscatine	1913	23,000	1.35	—	Road	1-course
Muscatine	Muscatine	1913	8,612	1.00	—	Alley	1-course
				to			
				1.05			
O'Brien	Sheldon	1914	14,478	1.22	Incl. grading	City street	1-course
Page	Clarinda	1910	10,267	1.23	—	City street	2-course
Page	Clarinda	1911	12,037	1.23	—	City street	2-course
Page	Clarinda	1912	12,130	1.09	—	City street	1-course
Page	Clarinda	1913	14,700	—	—	City street	1-course
Page	Clarinda	1914	30,000	1.37	Incl. grading	City street	1-course
Page	Shenandoah	1910	1,000	1.25	—	City street	2-course
Plymouth	Le Mars	1904	900	1.25	—	City street	2-course
Plymouth	Remsen	1911	6,000	0.89	—	City street	1-course
Plymouth	Remsen	1912	3,000	0.89	—	City street	1-course
Polk	Des Moines	1909	4,700	1.54	—	City street	2-course
				to			
				1.62			
Polk	Des Moines	1909	21,056	1.54	—	Alley	1-course
Polk	Des Moines	1911	10,000	—	—	City street	1-course
Polk	Des Moines	1911	400	—	—	City street	2-course
Polk	Des Moines	1911	9,264	1.32	—	Alley	1-course
Polk	Des Moines	1912	70,981	1.07	—	City street	1-course
				to			
				1.46			
Polk	Des Moines	1913	27,729	1.15	—	City street	1-course
				to			
				1.42			
Polk	Des Moines	1913	7,008	1.36	—	Alley	1-course
Polk	Des Moines	1914	2,500	1.35	—	City street	1-course
Polk	Des Moines	1914	27,331	1.62	Incl. curbs	City street	1-course
Polk	Des Moines	1914	13,009	1.60	Incl. grad- ing	City street	1-course
				to			
				1.68			
Polk	Des Moines	1914	24,220	1.25	—	Road	1-course
Pottawattamie	Council Bluffs	1913	650	1.50	Reinforced, Incl. grading	City street	2-course
Pottawattamie	Council Bluffs	1914	22,297	1.36	Incl. grading	City street	1-course
Pottawattamie	Council Bluffs	1914	3,333	1.44	—	Road	1-course
Sac	Sac City	1913	2,000	—	—	City street	1-course
Sac	Sac City	1914	5,435	—	—	City street	2-course
Scott	Bettendorf	1911	29,000	0.85	—	City street	1-course
Scott	Davenport	1909	3,462	1.25	—	City street	2-course
Scott	Davenport	1910	13,207	1.27	—	City street	2-course
				to			
				1.37			
Scott	Davenport	1910	1,250	1.09	—	Alley	1-course
				to			
				1.72			

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
IOWA (Cont'd)							
Scott.....	Davenport	1910	660	\$1.36	—	Alley	2-course
Scott.....	Davenport	1911	440	0.93	—	City street	1-course
Scott.....	Davenport	1911	6,965	1.25 to 1.30	—	City street	2-course
Scott.....	Davenport	1911	159	0.90	—	Alley	1-course
Scott.....	Davenport	1912	6,584	0.93 to 0.97	—	City street	1-course
Scott.....	Davenport	1912	40,463	1.00 to 1.30	—	City street	2-course
Scott.....	Davenport	1912	4,318	0.93 to 0.98	—	Alley	1-course
Scott.....	Davenport	1912	3,421	0.97 to 1.19	—	Alley	2-course
Scott.....	Davenport	1913	1,691	1.20	—	City street	2-course
Scott.....	Davenport	1913	11,468	1.35 to 1.38	—	City street	Bit.-top 1-course
Scott.....	Davenport	1913	18,878	0.97 to 1.30	—	Alley	1-course
Scott.....	Davenport	1914	8,166	1.25	—	Alley	1-course
Shelby.....	Harlan	1911	14,900	1.18 to 1.28	—	City street	2-course
Shelby.....	Harlan	1911	711	1.18	—	Alley	2-course
Story.....	Ames	1912	7,567	1.25	—	City street	1-course
Story.....	Ames	1912	1,555	—	—	City street	1-course
Story.....	Ames	1913	10,474	0.96	—	Road	1-course
Story.....	Nevada	1914	21,500	1.51	Reinforced	City street	2-course
Tama.....	Toledo	1910	4,450	1.44	—	City street	2-course
Tama.....	Toledo	1911	19,000	1.44	—	City street	2-course
Union.....	Creston	1912	625	1.10	—	Alley	1-course
Van Buren....	Vernon Heights	1912	2,800	1.16	—	City street	2-course
Wapello.....	Eddyville	1907	7,778	0.86	—	Road	2-course
Wapello.....	Eddyville	1909	5,132	—	—	City street	1-course
Wapello.....	Eddyville	1911	26,125	1.27	—	Road	1-course
Warren.....	Indianola	1914	55,579	1.17 to 1.22	—	City street	1-course
Warren.....	Indianola	1914	4,225	1.24	—	Alley	1-course
Washington...	Washington	1911	1,828	1.78	Incl. grad- ing	City street	2-course
Washington...	Washington	1911	3,428	0.97 to 1.39	—	City street	2-course
Washington...	Washington	1913	12,000	1.35	—	City street	Bit.-top 1-course
Webster.....	Ft. Dodge	1910	28,886	1.59	—	City street	2-course
Webster.....	Ft. Dodge	1911	8,602	1.60	Incl. curb	City street	2-course
Woodbury....	Sioux City	1911	77,070	1.18 to 1.27	—	City street	1-course
Woodbury....	Sioux City	1911	3,000	—	—	Alley	1-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICATION	TYPE
IOWA (Cont'd)							
Woodbury	Sioux City	1912	170,200	\$1.29 to 1.40	Incl. grading	City street	1-course
Woodbury	Sioux City	1912	3,270	1.17	—	Alley	1-course
Woodbury	Sioux City	1913	120,000	1.04 to 1.19	—	City street	1-course
Woodbury	Sioux City	1914	153,253	1.25 to 1.29	—	City street	1-course
Wright	Eagle Grove	1914	4,100	1.47	—	City street	1-course
KANSAS							
Allen	Bassett	1914	7,260	—	—	Road	2-course
Allen	Iola	1905	500	—	—	Alley	2-course
Allen	Iola	1913	7,821	—	—	City street	1-course
Allen	Iola	1914	1,503	—	Reinforced	City street	2-course
Atchison	Atchison	1912	10,250	1.02	—	City street	2-course
Atchison	Atchison	1912	1,000	—	—	Alley	2-course
Atchison	Atchison	1913	6,170	1.09 to 1.12	—	City street	2-course
Atchison	Atchison	1913	1,200	—	—	Alley	2-course
Atchison	Atchison	1914	4,000	1.10	—	City street	2-course
Atchison	Atchison	1914	2,000	1.05 to 1.15	—	Alley	1-course
Brown	Hiawatha	1913	2,200	1.22	—	City street	Bit.-top 1-course
Crawford	Pittsburg	1912	4,351	—	—	City street	1-course
Crawford	Pittsburg	1913	6,055	1.08	—	City street	1-course
Crawford	Pittsburg	1914	5,840	1.05	—	City street	1-course
Douglas	Lawrence	1914	5,330	0.88	—	Alley	1-course
Geary	Junction City	1912	41,890	1.17	—	City street	Bit.-top 1-course
Geary	Junction City	1913	6,650	1.15	—	City street	1-course
Harvey	Newton	1912	2,000	0.90	—	City street	2-course
Harvey	Newton	1913	5,000	1.00	—	City street	1-course
Harvey	Newton	1914	5,000	1.00	—	City street	1-course
Johnson	Olathe	1912	900	1.50	—	City street	1-course
Riley	Manhattan	1912	2,730	1.14	—	City street	Bit.-top 2-course
Riley	Manhattan	1913	3,100	1.10	—	City street	2-course
Riley	Manhattan	1913	2,664	1.10	—	Alley	2-course
Riley	Manhattan	1914	5,200	—	—	City street	2-course
Riley	Manhattan	1914	2,664	1.00	—	Alley	2-course
Saline	Salina	1914	1,025	1.25	—	City street	1-course
Sedgwick	Wichita	1912	4,383	—	—	City street	1-course
Sedgwick	Wichita	1912	24,560	0.75	—	City street	1-course
Sedgwick	Wichita	1913	482	1.00	—	City street	1-course
Wilson	Fredonia	1910	900	1.43	—	Alley	2-course
Wilson	Fredonia	1911	10,000	1.21	Incl. grading	City street	2-course
Wilson	Fredonia	1911	6,000	—	—	City street	2-course
Wilson	Fredonia	1912	25,000	1.08	Incl. grading at .10	City street	2-course
Wilson	Fredonia	1912	12,000	1.05	—	City street	2-course
Wilson	Fredonia	1914	16,000	0.95	—	City street	Bit.-top 2-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
KANSAS (<i>Cont'd</i>)							
Wyandotte	Kansas City	1910	5,500	—	—	City street	1-course
Wyandotte	Kansas City	1911	43,036	\$1.09	—	City street	1-course
Wyandotte	Kansas City	1912	16,400	1.00	—	City street	1-course
Wyandotte	Kansas City	1914	75,000	1.00	—	City street	1-course
KENTUCKY							
Jefferson	Louisville	1914	4,144	—	Reinforced	Road	1-course
LOUISIANA							
Caddo	Shreveport	1914	1,000	—	—	Alley	Bit.-top 1-course
Orleans	New Orleans	1908	20,000	2.37 to 2.95	—	City street	2-course
Orleans	New Orleans	1909	20,000	2.37 to 2.95	—	City street	2-course
Orleans	New Orleans	1909	600	2.35	Incl. grading	Alley	2-course
Orleans	New Orleans	1910	20,000	2.37 to 2.95	—	City street	2-course
Orleans	New Orleans	1911	40,000	2.37 to 2.95	—	City street	2-course
Orleans	New Orleans	1912	54,700	2.37 to 2.95	—	City street	2-course
MAINE							
Cumberland . .	Portland	1911	14,800	1.29 to 1.75	—	City street	1-course
Cumberland . .	Portland	1913	20,000	—	—	City street	1-course
Cumberland . .	S. Portland	1912	1,000	1.32	Incl. grad- ing	City street	Bit.-top 1-course
Cumberland . .	S. Portland	1914	6,733	1.32	—	Road	1-course
Kennebec	Gardiner	1912	4,500	1.33	Incl. grad- ing & drain- age	City street	Bit.-top 1-course
Penobscot	Bangor	1914	4,388	—	—	City street	1-course
Penobscot	Bangor	1914	4,333	1.46	—	Alley	1-course
York	Biddeford	1912	2,000	1.31	—	City street	Bit.-top 1-course
York	Cape Neddick	1913	26,600	1.00	—	City street	1-course
York	Kennebunk- port	1912	4,300	1.37	—	City street	1-course
York	Kennebunk- port	1913	3,700	1.37	—	City street	1-course
York	Wells	1913	31,700	1.26	—	City street	1-course
MARYLAND							
Allegany	Corriganville	1914	6,600	—	—	Road	Bit.-top 1-course
Allegany	Near Cumber- land	1914	25,498	1.29	—	Road	1-course
Allegany	West of Cum- berland	1914	29,244	1.19	—	Road	1-course
Allegany	Near Kreig- baum	1913	9,000	—	—	Road	Bit.-top 1-course
Anne Arundel .	Annapolis- Edgewater	1914	33,921	1.15	—	Road	1-course
Anne Arundel .	Armiger	1914	9,277	1.14	—	Road	1-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICATION	TYPE
MD. (Cont'd)							
Anne Arundel	Harmans	1914	12,561	\$1.24	—	Road	1-course
Anne Arundel	Harmans-Severn	1914	14,156	1.30	—	Road	Bit.-top 1-course
Baltimore	—	1912	1,000	—	—	Road	1-course
Baltimore	Baltimore	1914	9,695	1.20	—	Alley	1-course
Baltimore	Baltimore-Washington	1913	16,500	1.18	—	Road	1-course
Baltimore	Belair	1914	49,591	1.46	—	Road	1-course
Baltimore	Blackrock	1914	8,000	1.45	—	Road	1-course
Baltimore	Catonsville	1913	12,320	—	—	Road	1-course
Baltimore	Catonsville	1914	3,284	1.24	—	Road	1-course
Baltimore	Near Cockeysville	1914	11,416	1.20	—	Road	Bit.-top 1-course
Baltimore	Forest Park	1912	1,400	1.01	Reinforced for 85 ft.	City street	1-course
Baltimore	Whitehall-Greystone	1913	700	—	—	Road	1-course
Baltimore	Near Highlandtown, Philadelphia Rd.	1913	467	—	—	Road	Bit.-top 1-course
Baltimore	Patapsco	1914	10,700	1.23	—	Road	Bit.-top 1-course
Baltimore	Roland Park	1912	20,000	—	—	City street	Bit.-top 1-course
Baltimore	Towson	1912	1,400	—	Reinforced	City street	Bit.-top 1-course
Baltimore	Towson	1912	2,930	—	—	Road	Bit.-top 1-course
Baltimore	Towson	1913	1,562	1.29	—	Road	Bit.-top 1-course
Baltimore	Near Towson	1914	6,240	1.17	—	Road	1-course
Baltimore	Whitehall	1911	670	0.97	—	City street	2-course
Caroline	Agner-Nicholas	1914	12,533	—	—	Road	1-course
Caroline	Two Johns-Agner, Hobbs	1914	53,222	1.37	—	Road	1-course
Caroline	Linchester-Bethlehem	1914	12,445	1.49	—	Road	1-course
Caroline	Willow Pond-Denton	1914	14,232	1.15	—	Road	1-course
Caroline	Goldsboro-Queen Anne Co.	1914	40,572	1.29	—	Road	1-course
Caroline	Grove-Preston	1914	23,982	1.42	—	Road	2-course
Caroline	Linchester-Preston	1914	11,827	1.15	—	Road	1-course
Caroline	Near Linchchester	1913	12,500	1.49	—	Road	1-course
Carroll	Cooperville-Taneytown	1914	14,284	1.13	—	Road	1-course
Carroll	Frizellburg-Taneytown	1914	45,091	1.45	—	Road	1-course
Carroll	Frizellburg-Westminster	1914	8,213	1.25	—	Road	1-course
Carroll	Near Taneytown	1913	16,400	1.13	—	City street	Bit.-top 1-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
MD. (Cont'd)							
Cecil	—	1912	5,600	\$1.25	—	Road	1-course
Cecil	Bacon Hill Sta.	1913	18,773	1.20	—	Road	1-course
Cecil	Bacon Hill- Elkton	1914	14,495	1.25	—	Road	1-course
Cecil	Bacon Hill- North East	1914	8,620	1.25	—	Road	1-course
Cecil	Bohemia River- Chesapeake City	1914	42,789	—	—	Road	1-course
Cecil	Bohemia Riv- er-Freder- icktown	1914	49,690	1.07	—	Road	1-course
Cecil	Conowingo- Oakwood	1914	13,711	1.20	—	Road	1-course
Cecil	Principio- Perryville	1914	26,445	1.30	—	Road	1-course
Charles	Rockpoint	1912	3,300	1.10	—	Road	1-course
Charles	Rockpoint	1913	33,700	1.34	—	Road	1-course
Charles	Tompkinsville- Rockpoint	1914	25,080	1.34	—	Road	1-course
Dorchester . . .	Brookview- Sharptown	1914	54,534	1.24	—	Road	1-course
Dorchester . . .	Cambridge- Mt. Holly	1914	28,171	1.24	—	Road	Bit.-top 1-course
Dorchester . . .	Linchester- Ellwood	1914	39,408	1.38	—	Road	1-course
Dorchester . . .	Near E. New Market	1913	24,800	1.25	—	Road	Bit.-top 1-course
Dorchester . . .	Shiloh C. H.- Hurlock	1914	11,658	1.25	—	Road	1-course
Dorchester . . .	Waddells Cor- ner-Hurlock	1914	18,472	1.38	—	Road	1-course
Dorchester . . .	Near Mt. Holly	1913	16,500	1.25	—	Road	1-course
Frederick	Near Ridge- ville	1913	10,000	1.25	—	Road	1-course
Garrett	Oakland-Acci- dent	1914	23,700	—	—	Road	1-course
Howard	Elkridge	1913	8,200	—	—	Road	1-course
Howard	Elkridge	1914	13,913	1.30	—	City street	1-course
Howard	Sawyers Hill	1914	8,184	—	—	Road	1-course
Kent	Galena	1914	6,067	1.29	—	City street	Bit.-top 1-course
Kent	Mills Cr.- Georgetown	1914	23,533	1.17	—	Road	Bit.-top 1-course
Montgomery . .	Bethesda	1912	17,600	0.75 to 0.83	—	Road	1-course
Montgomery . .	Chevy Chase	1912	7,239	—	—	Road	1-course
Montgomery . .	Chevy Chase	1913	1,550	0.95 to 0.99	—	Road	1-course
Montgomery . .	Claggettsville- Howard Co. Line	1914	16,826	1.20	—	Road	Bit.-top 1-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
MD. (Cont'd)							
Montgomery ..	Claggetttsville- Kings Valley	1914	29,074	\$1.27	—	Road	1-course
Montgomery ..	Near Damascus	1913	16,500	1.28	—	Road	1-course
Montgomery ..	Germantown- Gaithersburg	1914	32,900	1.07	—	Road	1-course
Montgomery ..	Near Rockville	1913	16,000	—	—	Road	1-course
Prince George.	Near Hyatts- ville	1912	3,556	1.25	—	Road	1-course
Prince George.	Near Bladens- burg	1912	7,100	1.25	—	Road	Bit.-top 1-course
Prince George.	D. C. Line- Campsprings	1914	39,170	0.90	—	Road	1-course
Prince George.	College Park	1912	4,662	1.40	—	Road	1-course
Prince George.	College Park	1912	1,400	1.35	—	Road	1-course
Prince George.	D. C. Line- Seat Pleasant	1914	18,317	1.12	—	Road	Bit.-top 1-course
Prince George.	D. C. Line- Charles Co. Line	1914	29,300	1.14	—	Road	Bit.-top 1-course
Prince George.	Hyattsville	1913	10,000	1.25	—	Road	1-course
Prince George.	Queens Chapel- Hyattsville	1914	9,024	1.40	—	Road	Bit.-top 1-course
Prince George.	Largo- Mt. Pleasant	1914	21,353	—	—	Road	1-course
Prince George.	Oakland- Meadows	1914	38,702	1.15	—	Road	Bit.-top 1-course
Prince George.	T. B.	1913	38,000	1.09	—	Road	Bit.-top 1-course
Prince George.	Upper Marl- boro	1913	65,300	1.08	—	Road	Bit.-top 1-course
Prince George.	Near Wash- ington	1913	8,300	1.47	—	Road	Bit.-top 1-course
Queen Anne ..	Roberts Sta.- County Line	1914	43,118	1.30	—	Road	1-course
Somerset.....	Allen- Princess Anne	1914	50,592	1.34	—	Road	1-course
Somerset.....	Near Crisfield	1913	22,300	1.08	—	Road	1-course
Somerset.....	Hopewell- Crisfield	1914	19,558	1.08	—	Road	1-course
Somerset.....	Deal Island- Princess Anne	1914	16,848	1.45	—	Road	Bit.-top 1-course
St. Marys	Mechanicsville	1913	45,100	1.15	—	Road	1-course
St. Marys	Mechanicsville- Charles Co. Line	1914	47,994	1.15	—	Road	Bit.-top 1-course
Talbot	Near Easton	1913	33,000	1.35	—	Road	1-course
Talbot	Easton- Wye Mills	1914	20,573	1.41	—	Road	1-course
Talbot	Skipton	1914	14,266	1.28	—	Road	1-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
MD. (Cont'd)							
Wicomico.....	Salisbury- Berlin	1913	32,853	—	—	Road	1-course
Wicomico.....	Salisbury- Parsonsbu	1914	35,562	—	—	Road	1-course
Wicomico.....	Worcester Co. Line-Parsons- burg	1914	68,907	\$1.28	—	Road	1-course
Worcester	Berlin	1912	10,300	1.34	—	City street	Bit.-top 1-course
Worcester	Ocean City- Berlin	1914	55,520	1.37	—	Road	1-course
Worcester	Pocomoke City	1911	25,000	1.25	—	City street	1-course
Worcester	St. Martin- Berlin	1914	32,853	1.47	—	Road	Bit.-top 1-course
Worcester	St. Martin- Wicomico Co. Line	1914	30,800	1.34	—	Road	Bit.-top 1-course
Worcester	Near Snow Hill	1914	24,885	1.39	—	Road	Bit.-top 1-course
MASSACHU- SETTS							
Berkshire.....	N. Adams	1912	775	0.83	—	City street	Bit.-top 1-course
Bristol	Taunton- Middleboro	1914	9,400	—	—	Road	1-course
Essex.....	Lynn	1911	7,486	—	—	City street	1-course
Essex.....	Lynn	1911	5,985	1.65	—	City street	2-course
Essex.....	Lynn	1912	14,800	1.30	—	City street	1-course
Essex.....	Lynn	1913	42,650	1.00	—	City street	1-course
Essex.....	Lynn	1914	67,046	1.20	—	City street	1-course
				to 1.26			
Essex.....	Lynn	1914	554	1.25	—	Alley	1-course
Essex.....	N. Andover	1913	22,000	—	—	City street	2-course
Essex.....	N. Andover	1914	11,800	1.01	—	Road	2-course
Hampden.....	Longmeadow	1912	6,000	—	—	Road	1-course
Hampden.....	Longmeadow	1913	4,000	—	—	Road	1-course
Hampden.....	Springfield	1914	1,898	1.12	Incl. grad- ing	City street	Bit.-top 1-course
Middlesex....	Newton	1907	10,000	1.17	—	City street	1-course
Worcester	Northbridge	1914	5,000	—	—	Road	1-course
Worcester	Spencer	1906	5,670	1.75	—	City street	1-course
Worcester	Worcester	1910	4,593	—	—	Alley	1-course
MICHIGAN							
Alger	Munising	1914	2,000	1.50	Incl. grad- ing,incl.tile	City street	1-course
Allegan.....	Allegan	1906	1,112	—	—	City street	2-course
Allegan.....	Allegan	1901	833	—	—	City street	2-course
Allegan.....	Allegan	1914	14,500	—	Reinforced	City street	2-course
Allegan.....	Otsego	1911	206	—	—	City street	2-course
Alpena.....	Alpena	1909	8,675	1.55	Incl. grad- ing	City street	2-course
Alpena.....	Alpena	1910	16,514	0.85 to 1.32	—	City street	2-course
Alpena.....	Alpena	1912	6,500	—	—	City street	2-course
Alpena.....	Alpena	1913	6,507	0.85	—	City street	2-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICATION	TYPE
MICH. (Cont'd)							
Barry.....	Hastings	1913	18,408	\$0.94	—	City street	1-course
Bay.....	Bangor Twp.	1914	231	—	—	Road	2-course
Bay.....	Bay City	1908	500	—	—	City street	2-course
Bay.....	Bay City	1912	6,600	—	—	City street	2-course
Bay.....	Bay City	1913	6,300	1.15 to 1.77	—	City street	2-course
Bay.....	Bay City	1913	4,000	1.15	—	Alley	2-course
Bay.....	Bay City	1914	9,386	—	—	Road	1-course
Bay.....	Kawkawlin	1911	889	—	—	City street	1-course
Bay.....	Kawkawlin	1912	850	1.00	—	City street	2-course
Berrien.....	Buchanan	1912	3,115	1.20	Incl. grading	City street	1-course
Berrien.....	Niles	1912	1,795	1.20	—	City street	1-course
Berrien.....	St. Joseph	1908	160	—	—	City street	1-course
Branch.....	Coldwater	1914	150	1.70	—	Alley	1-course
Branch.....	Union City	1914	4,800	1.14	Reinforced	City street	Bit.-top 1-course
Calhoun.....	Marshall	1913	25,000	—	—	City street	1-course
Cass.....	Dowagiac	1912	3,300	0.95	—	City street	Bit.-top 2-course
Cass.....	Dowagiac	1914	6,000	—	—	City street	Bit.-top 2-course
Charlevoix....	Charlevoix	1911	2,000	—	—	City street	2-course
Charlevoix....	Charlevoix	1912	22,500	—	—	City street	2-course
Charlevoix....	E. Jordan	1912	10,000	1.06	—	City street	2-course
Charlevoix....	St. James	1913	5,000	—	—	City street	1-course
Clinton.....	St. Johns	1911	1,188	1.37	—	City street	2-course
Clinton.....	St. Johns	1912	14,700	1.33	—	City street	2-course
Delta.....	Escanaba	1911	11,000	0.87	—	City street	2-course
Delta.....	Escanaba	1912	29,000	1.00	—	City street	2-course
Eaton.....	Charlotte	1912	12,000	1.07	—	City street	2-course
Eaton.....	Grand Ledge	1910	1,000	—	—	City street	2-course
Emmet.....	Petoskey	1914	2,000	1.20	—	City street	2-course
Genesee.....	Clio	1913	6,500	—	—	City street	1-course
Genesee.....	Flint	1914	21,300	1.78	Incl. grading	City street	1-course
Genesee.....	Flushing	1911	700	—	—	City street	1-course
Gratiot.....	Alma	1912	200	—	—	City street	2-course
Gratiot.....	Alma	1913	3,000	—	—	City street	1-course
Gratiot.....	Alma	1913	1,000	—	—	City street	2-course
Houghton....	Hancock	1907	8,000	2.29	—	City street	2-course
Houghton....	Laurium	1914	6,600	—	—	City street	2-course
Huron.....	Bad Axe	1909	12,500	0.80	—	City street	2-course
Huron.....	Harbor Beach	1913	8,300	—	—	City street	1-course
Huron.....	Sebewaing	1912	2,700	1.34	Incl. grading	Road	1-course
Huron.....	Sebewaing	1914	12,498	0.92 to 1.09	—	Road	1-course
Ingham.....	East Lansing	1913	10,672	—	—	City street	1-course
Ingham.....	Lansing	1911	19,267	1.29	—	City street	Bit.-top 2-course
Ingham.....	Lansing	1913	10,700	—	—	City street	1-course
Ingham.....	Lansing	1914	3,070	—	Reinforced	City street	2-course
Isabella.....	Mt. Pleasant	1911	7,700	—	—	City street	2-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
MICH. (<i>Cont'd</i>)							
Isabella	Mt. Pleasant	1913	10,212	\$0.81 to 0.95	—	City street	2-course
Jackson	Jackson	1907	25,000	—	—	City street	2-course
Jackson	Jackson	1911	9,000	1.20	Incl. curb, grading	City street	2-course
Kalamazoo . . .	Kalamazoo	1896	1,189	1.44	—	City street	2-course
Kalamazoo . . .	Kalamazoo	1907	2,500	—	—	City street	1-course
Kalamazoo . . .	Kalamazoo	1907	5,659	1.74	—	City street	2-course
Kalamazoo . . .	Kalamazoo	1910	2,000	—	Partly rein- forced	City street	1-course
Kalamazoo . . .	Kalamazoo	1912	296	1.20	Incl. grad- ing	Alley	2-course
Kalamazoo . . .	Kalamazoo	1913	2,000	—	—	Road	1-course
Kalamazoo . . .	Kalamazoo	1913	931	1.13	—	Alley	2-course
Kalamazoo . . .	Kalamazoo	1914	2,640	—	—	Road	1-course
Kalamazoo . . .	Vicksburg	1914	4,496	1.20	Reinforced, incl. grading	City street	1-course
Kalkaska	Clearwater	1906	5,000	0.93	—	City street	2-course
Kent	Grand Rapids	1907	2,789	1.59 to 2.12	—	City street	1-course
Kent	Grand Rapids	1908	665	1.48	—	Alley	2-course
Kent	Grand Rapids	1909	953	1.30	—	Alley	2-course
Kent	Grand Rapids	1911	550	1.50	Incl. grad- ing	City street	2-course
Kent	Grand Rapids	1911	1,000	0.93	—	City street	2-course
Kent	Grand Rapids	1913	18,800	—	—	City street	1-course
Kent	Grand Rapids	1914	9,265	—	—	City street	1-course
Kent	Grand Rapids	1914	1,166	—	—	Alley	2-course
Lenawee	Hudson	1912	22,800	1.76	—	City street	1-course
Livingston . . .	Howell	1912	6,280	—	—	City street	2-course
Livingston . . .	Howell	1914	2,311	—	—	City street	2-course
Macomb	Mt. Clemens	1912	400	1.35	—	City street	Bit.-top 1-course
Manistee	Manistee	1914	652	1.40	—	Alley	2-course
Mason	Scottville	1910	8,000	—	—	City street	2-course
Menominee . . .	Menominee	1911	2,000	1.22	—	City street	2-course
Menominee . . .	Menominee	1912	800	0.85	—	City street	2-course
Monroe	Monroe	1911	13,614	—	—	City street	1-course
Monroe	Monroe	1912	3,800	0.80	—	City street	1-course
Monroe	Monroe	1912	8,880	—	—	City street	2-course
Monroe	Monroe	1912	23,000	1.30	—	City street	2-course
Monroe	Monroe	1913	8,619	2.05	—	City street	2-course
Ottawa	Grand Haven	1910	2,000	0.97	—	City street	Bit.-top 2-course
Ottawa	Grand Haven	1911	7,000	—	—	City street	Bit.-top 2-course
Ottawa	Grand Haven	1913	23,300	0.95 to 1.05	—	City street	1-course
Ottawa	Spring Lake	1914	4,240	—	—	Road	1-course
Saginaw	Frankenmuth	1913	7,000	—	—	City street	1-course
Saginaw	Frankenmuth	1914	7,040	—	—	City street	1-course
Saginaw	Near Saginaw	1910	10,560	—	—	Road	1-course
Saginaw	Saginaw	1912	800	1.00	—	City street	1-course
Saginaw	Saginaw	1912	846	1.15	—	Alley	1-course
Saginaw	Saginaw	1914	700	1.30	—	City street	1-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
MICH. (Cont'd)							
Saginaw	Saginaw	1914	149	—	Reinforced	City street	1-course
Saginaw	Saginaw	1914	423	—	Reinforced	City street	2-course
St. Clair	Port Huron	1912	10,695	\$1.12 to 1.22	Reinforced	City street	2-course
St. Clair	Port Huron	1914	10,000	1.25	—	City street	2-course
St. Clair	Port Huron	1914	1,200	1.33	—	Alley	2-course
St. Joseph	Constantine	1913	4,300	1.27	Reinforced	City street	2-course
St. Joseph	Three Rivers	1914	12,733	0.92	Reinforced	City street	1-course
Tuscola	Caro	1913	11,661	0.97	Reinforced	City street	2-course
Van Buren	Bangor	1912	794	1.20	—	City street	1-course
Van Buren	Paw Paw	1914	1,600	1.05	Reinforced	City street	2-course
Van Buren	South Haven	1913	1,075	1.00	—	City street	2-course
Van Buren	South Haven	1913	11,000	—	—	Road	1-course
Washtenaw	Ann Arbor	1909	1,833	0.80	—	City street	Bit.-top 2-course
Washtenaw	Ann Arbor	1910	26,957	—	—	City street	Bit.-top 2-course
Washtenaw	Ann Arbor	1911	38,573	—	—	City street	Bit.-top 2-course
Washtenaw	Ann Arbor	1911	1,213	0.77 to 0.84	—	Alley	Bit.-top 2-course
Washtenaw	Ann Arbor	1912	35,000	1.03	—	City street	2-course
Washtenaw	Ann Arbor	1913	35,000	1.03	—	City street	2-course
Washtenaw	Ann Arbor	1914	11,832	—	—	City street	Bit.-top 2-course
Washtenaw	Chelsea	1912	4,440	1.22	Incl. grad- ing	City street	2-course
Washtenaw	Chelsea	1913	3,300	1.10	—	City street	2-course
Washtenaw	Ypsilanti	1914	8,118	1.18	—	City street	2-course
Wayne	—	1909	10,000	—	—	Road	1-course
Wayne	—	1909	10,000	—	—	Road	2-course
Wayne	—	1910	50,000	—	—	Road	1-course
Wayne	—	1911	200,000	1.04 to 1.71	—	Road	1-course
Wayne	—	1912	300,000	—	—	Road	1-course
Wayne	—	1913	300,000	—	—	Road	1-course
Wayne	—	1914	330,000	—	—	Road	1-course
Wayne	Detroit	1910	12,000	—	—	City street	1-course
Wayne	Detroit	1910	1,000	1.12	—	City street	2-course
Wayne	Detroit	1911	7,000	1.12	—	City street	2-course
Wayne	Detroit	1912	4,220	—	—	City street	2-course
Wayne	Detroit	1913	33,709	—	—	City street	1-course
Wayne	Detroit	1913	7,971	—	—	City street	2-course
Wayne	Detroit	1913	27,901	—	—	Alley	1-course
Wayne	Detroit	1914	170,160	2.15 to 2.48	Reinforced	City street and alley	1-course
Wayne	Detroit	1914	2,580	—	—	Alley	1-course
Wayne	Hamtramck	1910	2,000	1.57	—	City street	2-course
Wayne	Hamtramck	1911	25,000	1.57	—	City street	2-course
Wayne	Hamtramck	1912	10,000	—	Reinforced	City street	2-course
Wayne	Hamtramck	1913	3,000	—	—	Road	1-course
Wayne	Hamtramck	1914	36,194	—	—	City street	2-course
Wayne	Highland Park	1910	12,017	1.57	—	City street	2-course
Wayne	Highland Park	1911	7,000	1.57	—	City street	2-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
MICH. (Cont'd)							
Wayne.....	Highland Park	1912	3,000	\$1.35	Reinforced Thomas System	City street	2-course
Wayne.....	Highland Park	1913	43,168	1.35 to 1.43	—	City street	2-course
Wayne.....	Highland Park	1914	12,386	1.39 to 1.45	Reinforced	City street	2-course
Wayne.....	Plymouth	1914	3,500	1.00	—	City street	1-course
Wayne.....	Wyandotte	1914	77,524	—	Reinforced	City street	2-course
Wexford.....	Cadillac	1913	8,000	—	—	City street	1-course
MINNESOTA							
Anoka.....	Anoka	1914	914	1.52	Reinforced Incl. grading	City street	1-course
Beltrami.....	Bemidji	1910	2,000	1.20	—	City street	2-course
Beltrami.....	Bemidji	1912	19,800	1.05	—	City street	1-course
Benton.....	St. Cloud	1914	2,000	1.18	—	City street	1-course
Benton.....	St. Cloud	1914	9,140	1.25	Reinforced	City street	2-course
Blue Earth....	Mankato	1912	200	1.32	—	City street	2-course
Blue Earth....	Mankato	1914	16,888	1.02	Incl. grad- ing	City street	1-course
Blue Earth....	Mapleton	1913	15,000	1.29	—	City street	1-course
Clay.....	Moorhead	1914	7,200	1.65	Reinforced Incl. grading	City street	1-course
Clay.....	Moorhead	1914	520	1.55	—	Alley	1-course
Crow Wing ...	Brainerd	1910	6,000	0.84	—	City street	1-course
Crow Wing ...	Brainerd	1911	10,500	0.84	—	City street	1-course
Crow Wing ...	Brainerd	1913	17,600	0.95 to 1.05	—	City street	1-course
Fillmore.....	Rushford	1912	4,000	—	—	Road	1-course
Goodhue.....	Red Wing	1912	800	0.85	—	Road	1-course
Hennepin.....	Wayzata- Crystal Bay	1914	27,377	—	—	Road	1-course
Hennepin.....	Minneapolis	1912	8,200	—	—	City street	1-course
Hennepin.....	Minneapolis	1912	9,851	—	—	City street	1-course
Hennepin.....	Minneapolis	1912	1,655	1.18	—	City street	1-course
Hennepin.....	Minneapolis	1912	9,900	1.18	Incl. grad- ing	City street	1-course
Hennepin.....	Minneapolis	1912	9,851	—	—	City street	2-course
Hennepin.....	Minneapolis	1913	23,644	1.18 to 1.73	—	City street	1-course
Hennepin.....	Minneapolis	1914	106,861	1.10 to 1.82	—	City street	1-course
Hennepin.....	Minneapolis	1914	896	1.65	—	Alley	1-course
Hennepin.....	Mountain Iron	1914	4,333	1.38	Reinforced	City street	2-course
Hennepin.....	Wayzata	1913	8,213	—	—	City street	1-course
Houston.....	—	1914	2,060	—	—	Road	1-course
Itasca.....	Nashwauk	1914	3,885	1.65	Reinforced	City street	2-course
Lake.....	Two Harbors	1914	10,350	1.86	Reinforced Incl. curb	City street	1-course
Mower.....	Austin	1913	400	1.05	—	Alley	1-course
Mower.....	Austin	1914	311	1.48	—	Alley	1-course
Pipestone.....	Pipestone	1914	7,550	1.58	Reinforced Incl. grading	City street	1-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICATION	TYPE
MINN. (Cont'd)							
Ramsey.....	St. Paul	1912	3,500	—	—	City street	1-course
Ramsey.....	St. Paul	1912	1,833	\$0.93	—	Road	1-course
Ramsey.....	St. Paul	1914	6,151	1.35	—	Alley	2-course
Rice.....	Faribault	1914	965	1.45	—	City street	2-course
St. Louis.....	Chisholm	1914	13,250	1.73	Reinforced Incl. grad- ing	City street	1-course
St. Louis.....	Duluth	1909	14,000	1.95	5 yr. guar.	City street	2-course
St. Louis.....	Duluth	1912	7,734	1.30	—	City street	1-course
St. Louis.....	Duluth	1912	1,000	1.80	—	Alley	1-course
St. Louis.....	Duluth	1913	12,380	1.20	—	City street	1-course
				to 1.30			
St. Louis.....	Duluth	1913	4,670	—	—	City street	2-course
St. Louis.....	Duluth	1913	1,324	—	—	Alley	2-course
St. Louis.....	Duluth	1914	42,480	1.74	Reinforced	City street	1-course
				to 1.84			
St. Louis.....	Duluth	1914	11,068	1.67	Reinforced.	City street	2-course
				to 1.98	Latter incl. curb		
St. Louis.....	Duluth	1914	1,226	1.65	Reinforced	Alley	1-course
				to 1.75			
St. Louis.....	Morgan Park	1914	30,000	—	Reinforced	City street	1-course
St. Louis.....	Morgan Park	1914	10,000	—	—	Alley	1-course
St. Louis.....	Virginia	1914	525	2.40	—	City street	2-course
Steele.....	Owatonna	1912	970	0.67	—	Road	1-course
Washington...	Stillwater	1908	485	1.40	—	Alley	2-course
Washington...	Stillwater	1912	2,657	1.25	—	City street	2-course
Washington...	Stillwater	1913	5,000	—	—	City street	1-course
Winona.....	Near Lamoille	1914	13,342	—	—	Road	1-course
Winona.....	Winona	1912	24,404	1.00	—	Road	1-course
				to 1.65			
Winona.....	Winona	1913	18,774	1.00	—	Road	1-course
Winona.....	Winona	1914	34,728	—	—	Road	1-course
MISSISSIPPI							
Chickasaw....	Okolona	1914	2,989	0.87	Incl. shoul- ders	City street	1-course
Hinds.....	Jackson	1913	8,505	—	—	City street	1-course
Lauderdale...	Meridian	1910	9,256	1.97	Incl. grading	City street	2-course
Lauderdale...	Meridian	1913	30,226	1.14	Incl. grad- ing	City street	Bit.-top 1-course
Lee.....	Tupelo	1909	2,500	0.63	—	Alley	1-course
Lee.....	Tupelo-Salttillo	1914	11,000	1.15	Partly rein- forced	Road	1-course
Lincoln.....	Brookhaven	1912	1,400	0.90	—	Road	2-course
Warren.....	Vicksburg	1908	7,000	2.07	—	City street	2-course
MISSOURI							
Adair.....	Kirksville	1913	18,500	1.45	—	City street	2-course
Adair.....	Kirksville	1914	4,500	—	—	City street	2-course
Atchison.....	Tarkio	1911	18,200	1.39	Incl. grad- ing	City street	2-course
				to 1.43			
Atchison.....	Tarkio	1912	5,000	1.34	—	City street	2-course
Atchison.....	Tarkio	1912	19,600	1.34	—	Road	2-course
Atchison.....	Tarkio	1914	1,700	1.37	—	City street	2-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
MO. (Cont'd)							
Audrain	Mexico	1912	6,500	\$1.12	—	City street	1-course
Boone	Columbia	1912	3,460	1.30	Incl. grad- ing	City street	Bit.-top 1-course
Boone	Columbia	1913	11,866	0.88 to 1.30	—	City street	1-course
Boone	Columbia	1914	5,201	0.90 to 1.15	—	City street	1-course
Boone	Columbia	1914	3,706	1.50	—	City street	Bit.-top 1-course
Buchanan	St. Joseph	1906	600	—	—	Alley	2-course
Buchanan	St. Joseph	1911	14,409	1.05 to 1.17	Incl. grad- ing	City street	2-course
Buchanan	St. Joseph	1912	108,000	1.20 to 1.35	—	City street	2-course
Buchanan	St. Joseph	1914	60,090	1.22 to 1.40	—	City street	2-course
Butler	Poplar Bluff	1914	2,850	1.32	—	City street	1-course
Cape Girardeau	Cape Girard- eau	1911	18,780	0.96	—	City street	1-course
Cape Girardeau	Cape Girard- eau	1912	17,179	0.96	—	City street	1-course
Cape Girardeau	Cape Girard- eau	1913	39,069	0.92 to 0.99	—	City street	1-course
Cape Girardeau	Cape Girard- eau	1914	66,047	0.93 to 0.98	—	City street	1-course
Cedar	Eldorado Spgs.	1912	15,000	0.86	—	City street	1-course
Clay	Liberty	1911	16,494	1.18	Incl. grading	City street	2-course
Clay	Liberty	1912	38,900	1.15	—	City street	2-course
Clay	Liberty	1913	11,133	1.19 to 1.32	—	City street	2-course
Clay	Liberty	1914	2,074	1.19	—	City street	2-course
Cooper	Boonville	1913	7,058	0.70 to 0.95	—	City street	1-course
Cooper	Boonville	1914	17,540	0.93 to 1.00	—	City street	1-course
Greene	Springfield	1912	105,684	1.15 to 1.38	Incl. grad- ing	City street	2-course
Greene	Springfield	1913	123,193	1.15 to 1.35	Guar. 5 yr.	City street	2-course
Greene	Springfield	1914	63,000	1.10 to 1.35	—	City street	1-course
Grundy	Trenton	1911	700	1.44	—	City street	1-course
Harrison	Bethany	1914	3,372	1.40	—	City street	1-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
MO. (Cont'd)							
Henry.....	Clinton	1912	4,500	\$1.30	Incl. grading	City street	1-course
Henry.....	Clinton	1912	500	1.30	Incl. grading	Alley	1-course
Henry.....	Clinton	1913	6,773	1.29	5 yr. guar.	City street	1-course
Jackson.....	Independence	1910	1,100	—	—	City street	1-course
Jackson.....	Independence	1911	4,303	—	—	City street	1-course
Jackson.....	Kansas City	1904	465	2.25	—	Alley	1-course
Jackson.....	Kansas City	1907	885	—	—	Alley	1-course
Jackson.....	Kansas City	1908	2,000	—	—	Alley	1-course
Jackson.....	Kansas City	1909	2,500	—	—	Alley	1-course
Jackson.....	Kansas City	1910	3,500	—	—	Alley	1-course
Jackson.....	Kansas City	1911	51,770	1.29	—	City street	1-course
Jackson.....	Kansas City	1911	28,052	1.06	—	Alley	1-course
				to			
				1.28			
Jackson.....	Kansas City	1912	266,500	1.04	—	City street	1-course
Jackson.....	Kansas City	1913	260,800	1.03	5 yr. guar.	City street	1-course
				to			
				1.25			
Jackson.....	Kansas City	1913	17,252	1.03	—	Alley	1-course
Jackson.....	Kansas City	1914	365,323	1.00	Latter incl.	City street	1-course
				to	grading		
				1.50			
Jasper.....	Joplin	1914	400	—	Reinforced	City street	2-course
Marion.....	Hannibal	1913	15,000	1.00	—	City street	1-course
Marion.....	Hannibal	1914	8,200	1.11	—	City street	Bit.-top
							1-course
Marion.....	Hannibal	1914	1,133	0.99	—	Alley	1-course
				to			
				1.24			
Pettis.....	Sedalia	1912	1,802	1.01	Incl. grad-	Alley	2-course
				to	ing		
				1.08			
Pettis.....	Sedalia	1913	7,000	—	—	City street	Bit.-top
							1-course
Saline.....	Marshall	1912	8,300	1.12	5 yr. guar.	City street	1-course
Saline.....	Marshall	1913	7,778	1.32	3 yr. guar.	City street	1-course
Saline.....	Marshall	1913	44,700	1.12	5 yr. guar.	City street	1-course
				to			
				1.44			
Saline.....	Marshall	1913	13,380	—	—	City street	Bit.-top
							1-course
Scott.....	Sikeston	1914	6,667	0.83	—	City street	1-course
St. Louis.....	Fort Belle-						
	fontaine	1914	5,867	1.22	—	Road	1-course
St. Louis.....	Maplewood	1913	4,000	1.56	Incl. grad-	City street	1-course
					ing, curbs,		
					etc.		
St. Louis.....	Maplewood	1913	2,400	1.72	Incl. grad-	City street	Bit.-top
					ing, curbs,		1-course
					etc.		
St. Louis.....	St. Louis	1890	500	—	—	Alley	2-course
St. Louis.....	St. Louis	1914	10,908	1.17	—	Road	1-course
				to			
				1.28			
St. Louis.....	St. Louis	1914	12,767	1.13	—	Road	1-course
St. Louis.....	Webster Groves	1912	10,000	1.25	—	City street	Bit.-top
							1-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICATION	TYPE
MO. (Cont'd)							
St. Louis	Webster Groves	1913	20,000	\$1.25	—	City street	Bit.-top 1-course
St. Louis	Webster Groves	1914	15,000	—	—	City street	1-course
Vernon	Nevada	1913	35,000	1.20	—	City street	Bit.-top 1-course
Vernon	Nevada	1914	14,000	—	—	City street	Bit.-top 1-course
Worth	Grant City	1914	8,352	1.10	—	City street	1-course
MONTANA							
Cascade	Great Falls	1912	3,100	1.40	—	City street	1-course
Cascade	Great Falls	1913	2,340	1.15	—	Alley	1-course
Cascade	Great Falls	1914	4,550	1.29	—	Alley	1-course
				to			
Gallatin	Bozeman	1908	25,200	1.95	—	City street	2-course
Gallatin	Bozeman	1914	800	1.95	Incl. grad- ing	Alley	1-course
Silverbow	Butte	1913	282	3.10	Incl. sub- base of cin- ders, etc.	Alley	2-course
Yellowstone	Billings	1912	400	2.25	—	City street	1-course
NEBRASKA							
Douglas	Benson	1910	3,100	1.04	—	City street	1-course
Douglas	Florence	1908	4,694	1.27	—	Road	1-course
Douglas	McArdle Mill	1908	2,389	1.27	—	Road	1-course
Douglas	Omaha	1907	1,100	1.19	—	City street	1-course
Douglas	Omaha	1908	2,100	—	—	City street	1-course
Douglas	Omaha	1908	1,109	1.55	—	Alley	1-course
Douglas	Omaha	1908	666	—	—	Alley	1-course
Douglas	Omaha	1909	3,619	1.45	—	City street	1-course
Douglas	Omaha	1909	3,030	1.44	—	Alley	1-course
				to			
Douglas	Omaha	1910	6,595	1.20	—	City street	1-course
				to			
Douglas	Omaha	1910	7,834	1.66 1.35	—	Alley	1-course
				to			
Douglas	—	1910	28,000	1.50 1.27	—	Road	1-course
Douglas	Omaha	1911	4,000	1.25	—	City street	1-course
				to			
Douglas	Omaha	1911	485	1.65 1.46	—	Alley	1-course
Douglas	Omaha	1914	20,178	1.30	Partly rein- forced	City street	1-course
				to			
Douglas	S. Omaha	1914	13,312	1.86 1.19	—	Alley	1-course
				to			
Hall	Grand Island	1911	3,828	1.40 —	—	Alley	2-course
Hall	Grand Island	1912	7,000	1.45	—	City street	Bit.-top 1-course
Lancaster	Lincoln	1912	1,100	1.45	—	City street	2-course
Lancaster	Lincoln	1914	1,951	1.40	Incl. grad- ing	City street	2-course
Otoe	Nebraska City	1914	13,300	1.17	—	City street	2-course
Webster	Cowles	1914	667	0.78	—	Alley	1-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
NEW HAMPSHIRE							
Hillsboro	Nashua	1909	800	\$1.16	—	City street	2-course
Hillsboro	Nashua	1909	2,000	1.16	—	City street	1-course
Hillsboro	Nashua	1911	1,400	1.09	—	City street	1-course
Hillsboro	Nashua	1914	6,830	1.65	Reinforced Incl. grading	City street	1-course
NEW JERSEY							
Atlantic	Somers Point	1914	1,200	1.14	—	City street	Bit.-top 1-course
Camden	Near Audubon	1913	2,400	0.98	—	Road	1-course
Camden	Oaklyn	1913	2,500	—	—	City street	1-course
Cape May	Ocean City	1913	21,800	1.00	—	City street	Bit.-top 1-course
Cape May	Ocean City	1914	6,600	1.16 to 1.17	—	City street	Bit.-top 1-course
Cape May	Ocean City	1914	250	1.17	—	Alley	Bit.-top 1-course
Cape May	Ocean City	1914	266	1.10	—	Alley	1-course
Cumberland	Bridgeton	1913	1,400	1.40	—	City street	2-course
Essex	Bloomfield	1912	300	1.00	—	Alley	1-course
Essex	Glenridge	1913	1,500	1.28	Incl. grading	City street	1-course
Essex	Irvington	1914	14,026	1.27 to 1.47	Incl. grad- ing	City street	1-course
Mercer	Trenton	1911	1,200	1.18	—	Alley	1-course
Mercer	Trenton	1912	3,241	0.90 to 1.19	—	Alley	2-course
Mercer	Trenton	1913	3,744	1.07 to 1.44	—	Alley	1-course
Middlesex	New Bruns- wick	1908	4,000	2.11	—	City street	2-course
Middlesex	New Bruns- wick	1911	7,200	2.15	—	City street	2-course
Middlesex	New Bruns- wick	1912	15,000	—	—	City street	Bit.-top 1-course
Middlesex	Perth Amboy	1912	2,862	—	—	City street	Bit.-top
Middlesex	Woodbridge- Roosevelt	1914	5,971	0.95	—	Road	2-course 1-course
Monmouth	Red Bank	1914	6,822	1.50	3 yr. guar. Reinforced	City street	1-course
Passaic	Paterson	1913	1,800	—	—	City street	Bit.-top 1-course
Union	Elizabeth	1914	2,198	1.15	—	City street	1-course
Union	Elizabeth	1914	4,952	1.20	—	Road	1-course
Union	Linden	1913	4,667	—	—	City street	1-course
Union	Roselle Park	1913	15,300	1.12	Top .33 ex- tra. 3 yr. guarantee	City street	Bit.-top 1-course
Union	Roselle Park	1914	17,000	1.28	—	City street	Bit.-top 1-course
Union	Westfield	1913	18,477	1.37 to 1.50	—	City street	Bit.-top 1-course
Warren	New Village	1912	9,000	1.40	—	Road	1-course
Warren	Washington	1912	1,500	1.34	—	City street	Bit.-top 1-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
NEW YORK							
Albany.....	Albany	1912	4,500	\$1.00	—	City street	1-course
Albany.....	Albany	1912	1,250	1.65	Incl. grad- ing	City street	Bit.-top 1-course
Albany.....	Albany	1913	2,320	1.87	Incl. sub- base of cin- ders	City street	1-course
Albany.....	Albany	1913	4,140	1.89 1.20	Incl. cinder foundation	City street	2-course
Albany.....	Albany	1913	3,150	1.59	—	City street	Bit.-top 1-course
Albany.....	W. Albany	1914	3,111	—	—	Road	1-course
Albany.....	Albany- Slingerlands	1912	39,518	0.87	—	Road	1-course
Albany.....	Shakers- Watervliet	1912	60,074	0.85	—	Road	1-course
Albany.....	Selkirk- Coeymans	1914	12,155	1.21	—	Road	1-course
Allegany.....	Friendship- Belmont	1913	65,800	—	—	Road	1-course
Allegany.....	Friendship- Bolivar	1913	50,100	—	—	Road	1-course
Allegany.....	Obi-Cuba	1913	71,925	—	—	Road	1-course
Broome.....	Binghamton	1912	1,593	1.16	—	City street	Bit.-top 1-course
Broome.....	Binghamton	1913	800	1.45	Incl. grad- ing	City street	2-course
Broome.....	Binghamton	1914	6,439	1.52	3 yr. guar.	Road	1-course
Cattaraugus...	Allegany- Vandalia	1913	44,117	—	—	Road	1-course
Cattaraugus...	Killbuck- Carrollton	1914	27,470	1.45	—	Road	1-course
Cattaraugus...	Vandalia- Carrollton	1914	36,272	1.65	—	Road	1-course
Cattaraugus...	Otto-Catta- raugus	1912	8,518	0.80	—	Road	1-course
Cattaraugus...	Gowanda	1914	9,392	—	—	City street	1-course
Cattaraugus...	Otto-E. Otto	1913	18,644	—	—	Road	1-course
Chautauqua...	Dunkirk	1912	27,505	1.12 to 1.35	Reinforced	City street	1-course
Chautauqua...	Dunkirk	1913	2,700	1.12	—	City street	1-course
Chautauqua...	Silver Creek						
	Irving	1914	26,555	0.99	—	Road	1-course
Chautauqua...	Mayville- Westfield	1914	16,700	—	—	Road	1-course
Chautauqua...	Poland Center- Waterboro	1912	46,933	—	—	Road	1-course
Clinton.....	Battleman Rd.	1912	10,513	—	—	Road	1-course
Clinton.....	Plattsburg	1910	507	0.92	—	Alley	1-course
Erie.....	Clarence Rd.	1914	33,955	—	—	Road	1-course
Erie.....	Holland- E. Aurora	1914	34,945	1.05	—	Road	1-course
Erie.....	E. River Rd.	1913	43,554	—	—	Road	1-course
Erie.....	Grand Island	1912	44,000	—	—	Road	1-course
Erie.....	Tonawanda	1914	15,702	—	Reinforced	City street	1-course
Erie.....	Williamsville	1914	28,158	—	—	Road	1-course
Essex.....	Upper Jay- Keene	1912	56,883	0.57	—	Road	1-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
N. Y. (Cont'd)							
Essex	N. Hudson-Schroon Lake	1912	55,621	\$0.81	—	Road	1-course
Franklin	N. Bangor-S. Bangor	1912	19,430	0.82	—	Road	1-course
Fulton	Gloversville	1913	32,000	1.50	—	City street	Bit.-top 1-course
Fulton	Gloversville	1914	5,500	1.45	—	City street	Bit.-top 1-course
Fulton	Johnstown	1914	7,040	0.90	—	City street	1-course
Genesee	Batavia	1913	6,300	—	—	Road	1-course
Herkimer	Ilion-Cedarville	1914	24,114	1.00	—	Road	1-course
Jefferson	Watertown-Adams	1914	16,262	1.04	—	Road	1-course
Jefferson	Theresa-Antwerp	1914	10,633	0.95	—	Road	1-course
Jefferson	Watertown	1912	11,844	1.30 to 1.33	Incl. grad- ing	City street	Bit.-top 1-course
Jefferson	Watertown	1913	17,500	1.00 to 1.15	—	City street	1-course
Jefferson	Watertown	1913	5,000	1.35	—	Alley	1-course
Lewis	Lowville-W. Carthage	1914	8,898	—	—	Road	1-course
Lewis	Naumburg-Croghan	1914	8,826	0.95	—	Road	1-course
Livingston	Avon	1912	16,887	0.54	—	City street	Bit.-top 1-course
Livingston	Avon-Lima	1912	60,356	—	—	Road	1-course
Livingston	Geneseo-Piffard	1912	17,412	—	—	Road	1-course
Madison	Bridgeport-Lakeport	1912	41,800	—	—	Road	1-course
Madison	Sherrill-Kenwood	1913	2,100	1.50	—	Road	1-course
Madison	Madison-Oriskany Falls	1914	27,878	0.92	—	Road	1-course
Monroe	Fairport-9 mile Pt.	1912	107,100	—	—	Road	1-course
Monroe	Holley-Brockport	1914	31,618	1.50	—	Road	1-course
Monroe	Sea Breeze-9 Mile Pt.	1912	34,700	0.82	—	Road	1-course
Monroe	Rochester	1914	1,000	—	—	City street	1-course
Montgomery	Canajoharie	1914	4,400	—	—	City street	1-course
Nassau	Locust Valley	1913	9,000	—	—	City street	Bit.-top 1-course
Niagara	Cambria-Pekin	1914	50,751	—	—	Road	1-course
Niagara	Cambria-Wrights Corners	1914	73,216	1.33	—	Road	1-course
Niagara	Gasport-Hartland	1912	26,189	0.62	—	Road	Bit.-top 1-course
Niagara	Medina-Hartland	1914	55,569	1.25	—	Road	1-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICATION	TYPE
N. Y. (Cont'd)							
Niagara	Hartland-Wrights Corners	1913	63,829	—	—	Road	1-course
Niagara	La Salle	1913	6,400	\$1.18	Reinforced	City street	Bit.-top 1-course
Niagara	Olcott-Lockport	1914	50,562	1.19	—	Road	1-course
Oneida	Camden-Taberg	1914	33,200	1.19	—	Road	1-course
Onondaga	Baldwinsville-Cicero	1912	91,250	0.57	—	Road	1-course
Onondaga	Syracuse-Bridgeport	1913	62,339	—	—	Road	1-course
Onondaga	Syracuse-Cicero	1914	40,498	0.95	—	Road	1-course
Onondaga	Fabius Village	1913	13,400	—	—	Road	Bit.-top 1-course
Onondaga	Marietta-Marcellus	1913	63,407	—	—	Road	1-course
Onondaga	Syracuse-Phoenix	1913	36,925	—	—	Road	1-course
Onondaga	Syracuse	1914	6,571	1.43	—	Road	1-course
Ontario	Geneva-Lyons	1913	60,532	—	—	Road	Bit.-top 1-course
Orleans	Fancher-Albion	1914	22,745	—	—	Road	1-course
Orleans	W. Barre-Barre Center	1912	38,389	0.56	—	Road	Bit.-top 1-course
Orleans	Holley-Brockport	1914	7,518	0.75	—	Road	1-course
Orleans	Medina-Hartland	1914	56,507	1.35	—	Road	1-course
Oswego	Fulton	1912	25,300	1.60	—	City street	Bit.-top 1-course
Oswego	Fulton	1912	2,300	—	—	City street	Bit.-top 1-course
Oswego	Fulton	1913	355	1.30	—	City street	Bit.-top 1-course
Oswego	Fulton-Three Rivers	1913	39,893	—	—	Road	1-course
Oswego	Hastings	1914	28,099	0.86	—	Road	1-course
Oswego	Sterling-Oswego	1913	23,300	—	—	Road	Bit.-top 2-course
Otsego	Mt. Upton-Gilbertsville	1914	23,372	1.18	—	Road	1-course
Putnam	Brewster-Croton Falls	1914	15,449	—	—	Road	1-course
Rensselaer ...	W. Sand Lake-Averillpark	1912	34,355	0.60	—	Road	1-course
Rensselaer ...	Defreestville-Couse	1912	29,474	0.50	—	Road	1-course
Rensselaer ...	Defreestville-Couse	1914	8,296	1.25	—	Road	1-course
Rensselaer ...	Defreestville-South	1912	6,289	0.37	—	Road	1-course
Rockland	Spring Valley-Mt. Ivy	1912	36,713	0.58	—	Road	1-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
N. Y. (Cont'd)							
Saratoga	Saratoga	1914	12,500	\$1.04	—	Road	1-course
Saratoga	Schuylersville	1912	14,266	0.42	—	Road	1-course
Schenectady	Schenectady- Carman	1914	16,332	1.30	—	Road	1-course
Schenectady	Schenectady- Glenville	1914	13,781	1.13	—	Road	1-course
Schenectady	High Mills- Scotia	1914	50,820	1.17	—	Road	1-course
Schenectady	Schenectady	1914	11,150	1.45	—	City street	1-course
Schoharie	Schoharie	1914	8,736	1.00	—	Road	1-course
Seneca	Interlaken	1914	11,364	1.10	—	City street	1-course
Seneca	Ovid-Romulus	1913	60,825	—	—	Road	Bit.-top 1-course
St. Lawrence	Ogdensburg- Morristown	1913	38,300	—	—	Road	1-course
Suffolk	Bay Shore	1914	8,773	—	—	Road	1-course
Suffolk	Bay Shore- Brook Haven	1914	84,400	1.22	—	Road	1-course
Suffolk	E. Islip	1914	6,944	—	—	City street	1-course
Suffolk	Islip	1914	9,418	—	—	City street	1-course
Suffolk	Patchogue- Moriches	1914	31,450	1.26	—	Road	1-course
Suffolk	Sag Harbor	1914	14,644	1.54	—	Road	1-course
Tompkins	Ithaca	1914	4,389	1.21	—	Road	1-course
Ulster	Kingston- Ellenville	1912	15,687	0.45	—	Road	1-course
Ulster	Kingston	1913	3,860	1.13	—	City street	1-course
Ulster	Wawarsing	1914	2,262	1.73	—	City street	1-course
Warren	Warrensburg- Lake George	1912	43,000	—	—	Road	Bit.-top 1-course
Wayne	Williamson- Pultneyville	1913	28,400	—	—	Road	Bit.-top 1-course
Westchester	Bedford- Goldenbridge	1912	28,160	—	—	Road	1-course
Westchester	New Rochelle	1913	14,300	1.23	—	Road	Bit.-top 1-course
Westchester	Waverly	1913	5,000	—	—	City street	1-course
Wyoming	Java-Wales	1912	34,100	—	—	Road	Bit.-top 1-course
NORTH CARO- LINA							
Guilford	Greensboro	1912	14,800	1.25	—	City street	Bit.-top 1-course
Guilford	Greensboro	1913	35,000	—	—	City street	Bit.-top 1-course
Mecklenburg	Charlotte	1907	2,800	1.25	—	Road	2-course
Mecklenburg	Charlotte	1912	2,252	1.10	—	Alley	2-course
Mecklenburg	Charlotte	1913	59,000	1.50	—	City street	2-course
New Hanover	Wilmington	1912	13,000	1.39	—	City street	Bit.-top 1-course
New Hanover	Wilmington	1913	12,000	—	—	City street	Bit.-top 1-course
Wake	Raleigh	1912	12,842	1.24	—	City street	Bit.-top 1-course
N. DAKOTA							
Cass	Fargo	1911	2,000	1.65	—	Alley	2-course
Cass	Fargo	1912	2,755	1.65	—	Alley	2-course
Grand Forks	Grand Forks	1910	20,757	2.35	—	City street	2-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
N. DAK. (Cont'd)							
Grand Forks . .	Grand Forks	1911	35,451	\$2.25	Reinforced	City street	2-course
Grand Forks . .	Grand Forks	1911	2,222	1.26	Incl. grad- ing	Alley	1-course
Ward	Minot	1913	19,200	—	—	City street	1-course
OHIO							
Adams	Winchester	1913	5,800	1.28	—	Road	1-course
Allen	Lima- Spencerville	1914	11,108	0.90	—	Road	1-course
Ashland	Ruggles	1912	18,301	1.00	Reinforced	Road	Bit.-top 1-course
Ashtabula	Near Andover	1912	15,152	0.95	—	Road	Bit.-top 1-course
Ashtabula	Andover	1914	14,904	1.14	—	City street	1-course
Ashtabula	Niles- Ashtabula	1914	9,280	1.32	—	Road	1-course
Ashtabula	Austinburg- Jefferson Co. Line	1914	14,550	—	—	Road	Bit.-top 1-course
Ashtabula	Geneva	1913	9,387	0.85	—	Road	Bit.-top 1-course
Ashtabula	Geneva	1914	4,600	1.55	—	City street	Bit.-top 1-course
Ashtabula	Jefferson	1912	59,857	1.02 to 1.09	—	City street	Bit.-top 1-course
Ashtabula	Windsor- Trumbull Co. Line	1914	14,644	1.33	—	Road	Bit.-top 1-course
Champaign . . .	Piqua- Urbana No. 1	1913	1,108	1.20	—	Road	1-course
Champaign . . .	Urbana	1914	1,775	1.13 to 1.28	—	Alley	1-course
Columbiana . . .	Townsend	1913	7,920	1.36 to 1.41	—	City street	1-course
Coshocton	Coshocton- Cambridge	1912	3,004	—	—	Road	Bit.-top 1-course
Coshocton	Coshocton- Millersburg	1909	1,600	—	—	Road	1-course
Coshocton	Coshocton- Millersburg	1912	7,200	0.95	—	Road	Bit.-top 1-course
Coshocton	Coshocton- Southern	1914	13,794	1.30	—	Road	1-course
Crawford	Bucyrus	1910	3,302	0.94	—	City street	2-course
Cuyahoga	Bratenahl	1914	564	—	Reinforced	City street	1-course
Cuyahoga	Butternut Ridge Road	1914	4,218	—	—	Road	1-course
Cuyahoga	Cleveland	1912	15,900	1.03	—	City street	Bit.-top 2-course
Cuyahoga	Cleveland	1913	6,667	—	Reinforced	City street	2-course
Cuyahoga	Cleveland	1914	17,385	—	Reinforced	City street	1-course
Cuyahoga	Cleveland	1914	8,213	—	—	Road	1-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
OHIO (Cont'd)							
Cuyahoga.....	Cleveland	1914	4,067	\$1.35	—	Road	2-course
Cuyahoga.....	Cleveland	1914	12,400	—	—	Road	2-course
Cuyahoga.....	E. Cleveland	1914	2,880	—	—	Road	1-course
Cuyahoga.....	Euclid Beach	1914	2,400	—	—	City street	1-course
Cuyahoga.....	Lakewood	1913	4,300	—	—	Road	1-course
Cuyahoga.....	Warrensville						
	Farm Road	1913	28,160	1.13	—	Road	1-course
Darke.....	Greenville	1910	1,810	—	—	Alley	2-course
Defiance.....	Defiance-						
	Hicksville	1914	44,538	1.05	—	Road	1-course
Delaware.....	Delaware	1913	1,350	1.85	—	City street	2-course
Erie.....	Cedar Point	1913	72,800	—	—	Road	1-course
Erie.....	Cleveland-						
	Sandusky	1914	12,680	1.15	—	Road	1-course
Erie.....	Florence Twp.	1913	5,889	1.00	—	Road	1-course
Erie.....	Sandusky	1913	20,500	1.12	—	Road	1-course
Erie.....	Sandusky	1914	9,000	—	Reinforced	City street	2-course
Erie.....	Vermilion	1913	7,067	0.80	—	Road	1-course
Erie.....	State Rd.						
	(Contract No.						
	262)	1914	5,889	1.00	—	Road	1-course
Fayette.....	Washington						
	C. H.	1912	16,400	—	—	City street	1-course
Fayette.....	Washington						
	C. H.	1914	3,050	1.33	Reinforced	City street	Bit.-top 1-course
Franklin.....	Near Colum-						
	buss	1910	1,422	0.83	—	Road	1-course
Franklin.....	Columbus	1912	3,288	—	—	City street	1-course
Franklin.....	Columbus	1913	812	—	—	Road	1-course
Franklin.....	Columbus	1913	1,616	—	—	Road	Bit.-top 1-course
Franklin.....	Columbus-						
	Lancaster	1913	5,833	1.06	—	Road	Bit.-top 1-course
Franklin.....	Madison Twp.	1913	17,609	1.10	—	Road	Bit.-top 1-course
Franklin.....	Winchester Rd.						
	Sec. 3	1913	17,610	1.04	—	Road	Bit.-top 1-course
Geauga.....	Barton	1913	9,300	1.45	—	Road	1-course
Geauga.....	Cleveland-						
	Montville	1914	14,712	1.65	—	Road	1-course
Geauga.....	Scotland						
	Sta.-Easterly	1913	9,022	1.50	—	Road	1-course
Geauga.....	Scotland						
	Sta.-Easterly	1914	5,133	1.50	—	Road	1-course
Geauga.....	Middlefield	1913	19,100	—	—	City street	1-course
Geauga.....	Scotland Sta.	1914	3,889	—	—	Road	Bit.-top 1-course
Guernsey.....	Cambridge	1914	311	—	—	City street	1-course
Guernsey.....	Cambridge	1914	996	0.99	—	Alley	1-course
Guernsey.....	Cambridge	1914	1,244	—	—	Road	1-course
Guernsey.....	Cambridge-						
	Coshocton	1914	5,631	1.47	—	Road	1-course
Guernsey.....	Cambridge-						
	Steubenville	1914	7,254	1.48	—	Road	1-course
Hamilton.....	Cincinnati	1913	178	—	—	City street	2-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
OHIO (Cont'd)							
Hamilton.....	Cincinnati	1913	449	—	—	Alley	2-course
Hamilton.....	Cincinnati	1914	5,470	\$1.25	—	City street	1-course
Hamilton.....	Cincinnati	1914	2,400	—	—	City street	1-course
Hamilton.....	Dunlap- Springdale	1914	2,610	—	—	Road	1-course
Hamilton.....	Norwood	1912	5,000	0.80 to 1.10	—	City street	1-course
Hamilton.....	Norwood	1913	6,500	—	—	City street	1-course
Harrison.....	Dennison- Cadiz	1914	2,622	1.50	—	Road	1-course
Harrison.....	Piedmont	1911	9,281	0.90	Reinforced	Road	1-course
Harrison.....	Scio	1913	2,260	1.31		City street	Bit.-top 1-course
Harrison.....	Scio	1913	15,111	1.18	—	Road	Bit.-top 1-course
Holmes.....	Hardy	1912	3,192	1.31	Incl. bit.- top .11	Road	Bit.-top 1-course
Huron.....	Ashland- Norwalk	1914	28,353	—	—	Road	1-course
Huron.....	Bellevue- Monroeville	1913	428	1.17	—	Road	1-course
Huron.....	Bellevue	1913	895	1.00	—	City street	1-course
Huron.....	Bellevue	1913	2,660	1.05	—	City street	Bit.-top 1-course
Huron.....	Bellevue	1914	4,800	1.20	—	City street	1-course
Huron.....	Bellevue	1914	328	1.25	—	Alley	1-course
Huron.....	Bellevue- Norwalk	1914	15,342	1.25	—	Road	1-course
Huron.....	Chicago Jct.	1914	4,410	1.28	—	Road	1-course
Huron.....	Monroeville- Chicago Jct.	1914	10,678	1.30	—	Road	1-course
Huron.....	Cotaunts Corners Rd.	1913	2,693	1.35	—	Road	1-course
Huron.....	Fairfield	1914	14,700	1.35	—	Road	1-course
Huron.....	Fitchville Rd.	1913	26,400	1.39 to 1.56	—	Road	1-course
Huron.....	Fitchville Rd.	1914	11,750	1.53	—	Road	1-course
Huron.....	New Haven- Greenwich	1913	11,733	1.20	—	Road	1-course
Huron.....	Hartland Twp.	1914	11,750	1.44	—	Road	1-course
Huron.....	Hettle Rd.	1913	9,387	0.99 to 1.39	—	Road	1-course
Huron.....	Monroeville	1913	17,600	1.38	—	Road	1-course
Huron.....	New Haven Twp.	1914	1,500	—	—	Road	1-course
Huron.....	New Haven Twp.	1914	5,870	1.28	—	Road	1-course
Huron.....	Norwalk	1912	1,666	1.18	—	City street	1-course
Huron.....	Norwalk	1912	2,440	0.88	—	City street	Bit.-top 1-course
Huron.....	Norwalk	1912	4,444	1.10	—	Road	1-course
Huron.....	Norwalk	1913	28,041	0.95 to 1.33	—	Road	Bit.-top 1-course
Huron.....	Norwalk	1914	3,333	1.23	—	City street	1-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
OHIO (Cont'd)							
Huron	Oberlin- Norwalk	1913	14,000	\$1.21	—	Road	Bit.-top 1-course
Huron	Oberlin- Norwalk	1914	41,519	1.35	—	Road	1-course
Huron	Plymouth- Norwalk	1914	8,758	—	—	Road	1-course
Huron	Peru Twp.	1913	2,933	1.46	—	Road	1-course
Huron	Peru Twp.	1914	18,317	1.43 to 1.52	—	Road	1-course
Huron	Near Plymouth	1914	4,333	1.20	—	City street	1-course
Huron	Near Plymouth	1914	5,133	—	—	City street	1-course
Huron	Pontiac	1913	5,866	1.15	—	Road	1-course
Huron	Pontiac Rd.	1913	8,507	0.94 to 1.37	—	Road	1-course
Huron	Ridgefield	1914	18,773	1.28	—	Road	1-course
Huron	Townsend	1913	36,240	1.26 to 1.30	—	City street	1-course
Huron	Townsend Twp Section No. 1	1913	8,673	—	—	Road	1-course
Huron	Townsend Twp Section No. 2	1913	9,739	1.28	—	Road	1-course
Huron	Townsend Twp	1914	11,750	1.28	—	Road	1-course
Huron	New London- Wooster	1913	7,920	1.33	—	Road	1-course
Knox	Milfordton	1913	2,600	1.20	—	City street	Bit.-top 1-course
Knox	Mt. Liberty	1914	2,700	1.20	—	Road	Bit.-top 1-course
Lake	Madison	1912	9,953	1.00	Bit.-top .10	Road	Bit.-top 1-course
Lake	Madison Twp. Lake River Rd.	1914	41,148	—	—	Road	1-course
Lake	Madison Twp. South Ridge Rd.	1914	51,055	—	—	Road	1-course
Lake	Painesville	1913	33,200	1.33	—	Road	1-course
Lake	Painesville- Warren	1914	9,467	1.50	—	Road	2-course
Lake	Woods Corner Ext. Rd.	1913	15,558	1.45	—	Road	Bit.-top 1-course
Lawrence	Ironton	1914	498	1.10	—	Alley	1-course
Lawrence	Ohio River Rd.	1914	8,000	—	—	Road	1-course
Licking	Newark- Granville	1913	36,783	0.95	—	Road	1-course
Licking	National Pike	1914	69,300	1.38	—	Road	1-course
Licking	Newark	1912	622	—	—	Alley	1-course
Licking	Newark	1914	1,940	—	—	City street	1-course
Logan	Bellefontaine	1892	4,400	2.15	—	City street	2-course
Lorain	Cleveland- Sandusky	1914	19,865	1.45	—	Road	1-course
Lorain	Elyria	1913	8,355	0.85	—	City street	Bit.-top 1-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
OHIO (<i>Cont'd</i>)							
Lorain	Elyria	1914	1,065	\$1.10	—	Alley	2-course
Lorain	Grafton	1912	4,802	0.81	—	Road	Bit.-top 1-course
Lorain	Medina-	1914	9,560	1.65	—	Road	1-course
Lorain	Norwalk						
Lorain	Oberlin-	1914	6,090	1.48	—	Road	1-course
Lorain	Norwalk						
Lorain	Penfield	1914	6,556	—	—	Road	1-course
Lucas	Adams Twp.	1913	19,189	1.10	—	Road	1-course
Lucas	Toledo	1907	666	—	—	Alley	1-course
Lucas	Toledo	1912	20,089	1.41	—	City street	1-course
				to			
Lucas	Toledo	1912	774	1.55	—	Alley	1-course
Lucas	Toledo	1913	25,640	1.02	—	City street	1-course
				to			
Lucas	Toledo	1913	1,100	—	—	Alley	1-course
Lucas	Toledo	1913	710	2.56	—	Alley	Bit.-top 1-course
Lucas	Toledo	1913	19,300	1.65	—	Road	1-course
Lucas	Toledo	1914	13,500	—	—	City street	1-course
Lucas	Toledo	1914	5,390	1.32	—	City street	1-course
				to			
				1.45			
Lucas	Toledo	1914	4,252	—	—	Alley	1-course
Lucas	Whitehouse	1914	6,300	0.99	—	City street	1-course
Madison	Darby	1913	8,200	1.17	—	Road	1-course
Mahoning	Akron-	1913	2,480	1.26	—	Road	1-course
Mahoning	Youngstown						
Mahoning	Akron-	1914	8,673	1.26	—	Road	1-course
Mahoning	Youngstown						
Mahoning	Coitsville	1912	12,267	1.11	Bit.-top .12	Road	Bit.-top 1-course
Mahoning	McGuffey Rd.	1913	8,213	1.40	—	Road	Bit.-top 1-course
Mahoning	McGuffey St.	1914	8,213	—	—	Road	1-course
Mahoning	Extension						
Marion	Marion	1913	3,500	—	—	City street	1-course
Medina	Barberton-	1914	4,500	1.50	—	Road	1-course
Medina	Greenwich						
Medina	Barberton-	1914	3,250	1.45	—	Road	1-course
Medina	Greenwich						
Medina	Cleveland-	1914	7,974	1.45	—	Road	1-course
Medina	Hinckley-						
Medina	Medina	1914	5,600	1.45	—	Road	1-course
Medina	Medina-						
Meigs	Norwalk	1914	5,600	1.45	—	Road	1-course
Meigs	Jackson-	1914	15,028	1.00	—	Road	1-course
Meigs	Pomeroy						
Meigs	Rutland-	1913	3,300	0.95	—	Road	Bit.-top 1-course
Meigs	Pomeroy						
Meigs	Rutland-	1914	3,439	0.85	—	Road	1-course
Meigs	Pomeroy	1912	13,154	0.94	—	Road	1-course
Mercer	Jefferson	1912	13,154	0.94	—	Road	1-course
Mercer	Rockford-	1914	24,640	1.30	—	Road	1-course
Mercer	Addy Pike						

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
OHIO (Cont'd)							
Mercer.....	Rockford- Dysert Pike	1914	25,187	—	—	Road	1-course
Mercer.....	Rockford- East Rd.	1914	18,772	\$1.08	—	Road	1-course
Mercer.....	Rockford- Ft. Wayne Rd.	1914	23,841	1.15	—	Road	1-course
Miami	Bradford Pk.	1914	4,694	—	—	Road	1-course
Miami	Raper- Chapal Pk.	1913	357	—	—	Road	1-course
Miami	Clayton	1913	524	1.25	—	Road	1-course
Miami	Clayton Pike	1913	525	1.25	—	Road	1-course
Miami	Tippecanoe- Elizabeth No. 2	1913	2,065	1.15	—	Road	1-course
Miami	Tippecanoe- Elizabeth	1914	5,303	—	—	Road	1-course
Miami	Fenner Pike	1913	1,070	1.00	—	Road	1-course
Miami	Hog Path Pike	1913	3,755	1.25	—	Road	1-course
Miami	McDowell Pike	1913	1,248	1.00	—	Road	1-course
Miami	McDowell Rd.	1914	365	—	—	Road	1-course
Miami	Tippecanoe- New Carlisle	1913	10,700	1.15	—	Road	1-course
Miami	Searer Pike	1913	742	1.25	—	Road	1-course
Miami	Troy	1913	2,200	1.25	—	City street	1-course
Miami	Troy	1914	2,683	—	—	City street	1-course
Miami	Washington	1912	17,422	0.90	—	Road	1-course
Miami	Washington	1912	38,950	0.93	Bit.-top .10	Road	Bit.-top 1-course
Monroe	Ohio River Rd.	1914	10,142	—	—	Road	1-course
Montgomery ..	Dayton	1906	2,915	1.15	—	Alley	2-course
Montgomery ..	Dayton	1907	8,881	1.00	—	Alley	2-course
Montgomery ..	Dayton	1908	12,853	to 1.35 1.08	—	Alley	2-course
Montgomery ..	Dayton	1909	2,268	to 1.30 1.25	—	Alley	1-course
Montgomery ..	Dayton	1909	1,249	to 1.30 1.08	—	Alley	2-course
Montgomery ..	Dayton	1910	9,035	to 1.30 1.04	—	Alley	2-course
Montgomery ..	Dayton	1911	3,653	to 1.35 1.29	—	Alley	2-course
Montgomery ..	Dayton	1912	5,835	to 1.34 1.17	—	Alley	2-course
Montgomery ..	Dayton	1913	1,200	to 1.35 —	—	City street	1-course
Montgomery ..	Dayton	1913	5,534	to 1.46 1.26	—	Alley	2-course
Montgomery ..	Dayton	1914	4,152	to 1.60	Reinforced	City street	1-course
Montgomery ..	Dayton	1914	480	1.27	Incl. grad- ing	Alley	2-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
OHIO (Cont'd)							
Morrow	Miller Rd. (Contract No. 345)	1914	1,672	\$1.20	—	Road	1-course
Muskingum . . .	Dresden	1912	9,880	0.76	—	Road	Bit.-top
Muskingum . . .	Zanesville- Dresden	1914	12,710	—	—	Road	1-course
Muskingum . . .	Ellis	1913	19,000	0.92	—	Road	1-course
Muskingum . . .	Madison Twp.	1914	18,891	0.98	—	Road	1-course
Muskingum . . .	National Pike	1914	67,271	1.34	—	Road	1-course
Muskingum . . .	Zanesville- Otsego	1914	1,560	1.07	—	Road	1-course
Muskingum . . .	Zanesville	1913	739	—	—	Alley	1-course
Noble	Athens- McArthur, Elk Twp.	1913	15,200	1.86	—	Road	1-course
Paulding	Payne- Hicksville	1914	5,962	1.11	—	Road	1-course
Paulding	Paulding	1914	5,520	1.52	Reinforced	Road	1-course
Pickaway	Cincinnati- Zanesville	1913	9,950	1.25	—	Road	1-course
Pickaway	Circleville- London	1913	9,386	1.12	—	Road	Bit.-top
Pickaway	Circleville- London	1914	10,682	—	—	Road	1-course
Pickaway	Mackay Ford Road	1913	1,187	—	—	Road	1-course
Pickaway	Mackay-Ford Bridge Rd.	1914	5,300	—	—	Road	1-course
Pickaway	Wayne	1912	11,387	0.83	Bit.-top .10	Road	Bit.-top 1-course
Pike	Piketon-Hills- boro	1914	4,106	—	—	Road	1-course
Pike	Waverly	1910	1,700	—	—	Road	1-course
Pike	Waverly	1912	2,222	0.95	—	Road	Bit.-top
Portage	Ravenna- Hainesville	1914	12,725	1.42	—	Road	1-course
Portage	Ravenna- Parkman	1914	27,717	1.39	—	Road	1-course
Preble	Dayton- Indianapolis	1914	1,905	—	—	Road	1-course
Preble	Eaton	1914	825	—	—	Alley	2-course
Preble	Eaton	1914	3,861	1.20	—	Road	1-course
Putnam	Kalida- Lima Road	1913	4,350	1.06	—	Road	1-course
Putnam	Sugar Cr.	1912	1,587	0.90	—	Road	Bit.-top 1-course
Putnam	Vaughnsville	1913	7,000	1.10	—	Road	1-course
Richland	Bellville	1911	1,311	1.01	—	City street	1-course
Richland	Near Mansfield	1911	840	1.25	—	Road	Bit.-top 1-course
Richland	Sect. I Mans- field-Shelby	1914	23,411	—	—	Road	1-course
Richland	Plymouth	1913	6,680	2.39	—	City street	1-course
Richland	Shelby	1913	29,040	1.39 to 1.43	—	Road	1-course
Ross	N. Chillicothe	1913	9,400	1.13	—	Road	Bit.-top 1-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICATION	TYPE
OHIO (Cont'd)							
Ross.....	Columbus-Chillicothe	1914	12,089	—	—	Road	1-course
Ross.....	Hillsboro-Chillicothe	1914	9,387	\$1.30	—	Road	1-course
Ross.....	Lancaster-Chillicothe	1914	9,387	1.13	—	Road	1-course
Ross.....	Portsmouth-Columbus	1914	5,170	0.90	—	Road	1-course
Ross.....	Portsmouth-Chillicothe	1914	4,800	1.04	—	Road	1-course
Ross.....	Scioto Twp.	1912	9,387	0.85	Bit.-top .10	Road	Bit.-top 1-course
Ross.....	Scioto Twp.	1912	12,389	—	—	Road	Bit.-top 1-course
Sandusky.....	Clyde	1913	9,610	1.08	—	City street	Bit.-top 1-course
Sandusky.....	PortClinton Rd.	1912	6,223	0.95	—	Road	Bit.-top 1-course
Sandusky.....	PortClinton Rd.	1913	14,222	0.95	—	Road	Bit.-top 1-course
Sandusky.....	Pt. Clinton Rd. Sec. 2	1914	17,420	—	—	Road	1-course
Sandusky.....	Pt. Clinton Rd. Sec. 3	1914	10,169	1.40	—	Road	1-course
Seneca.....	Fostoria	1902	302	0.90	—	Alley	2-course
Seneca.....	Fostoria	1910	302	0.81	—	Alley	1-course
Seneca.....	Fostoria	1914	2,900	1.39	Reinforced	City street	1-course
Seneca.....	Greenspring	1912	5,320	0.94	—	Road	Bit.-top 1-course
Seneca.....	Tiffin	1912	15,660	0.95 to 1.03	—	City street	Bit.-top 1-course
Shelby.....	Sidney	1913	9,793	0.93 to 1.56	—	Alley	1-course
Stark.....	Canton	1913	4,756	1.30	—	City street	1-course
Stark.....	Canton	1914	11,000	1.40	Reinforced	City street	2-course
Summit.....	Akron	1912	8,700	1.26	—	Road	1-course
Summit.....	Copley & Bath Twps.	1913	19,516	0.70	—	Road	Bit.-top 1-course
Trumbull.....	Hartford	1912	18,933	0.97	Bit-top .07	Road	Bit.-top 1-course
Trumbull.....	Mecca Twp.	1914	16,544	—	—	Road	1-course
Trumbull.....	Niles-Ashtabula	1914	7,600	1.25	—	Road	1-course
Tuscarawas...	—	1912	1,248	1.05	Incl. grading	Road	1-course
Vinton.....	McArthur-Logan Road	1913	2,590	1.10	—	Road	1-course
Vinton.....	Athens-McArthur	1914	15,206	—	—	Road	1-course
Warren.....	Lebanon	1912	350	—	—	City street	1-course
Warren.....	Lebanon	1913	350	—	—	City street	1-course
Washington...	Marietta-McConnells-ville	1914	2,050	1.00	—	Road	1-course
Washington...	Grandview Twp.	1913	9,387	1.10	—	Road	Bit.-top 1-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
OHIO (Cont'd)							
Washington...	Marietta-	1914	21,500	—	—	Road	1-course
Washington...	Newport						
	Ohio River Rd	1914	24,021	\$1.10 to 1.20	—	Road	1-course
	(Secs. F. & G.)						
Wood.....	Bowling Green	1914	320	0.99	—	Alley	1-course
Wood.....	Perrysburg	1914	10,520	1.31	Reinforced	City street	1-course
OKLAHOMA							
Muskogee....	Muskogee	1912	3,700	1.05	—	City street	1-course
Muskogee....	Muskogee	1912	1,333	1.03	—	Alley	1-course
Muskogee....	Muskogee	1912	3,546	1.03	—	Alley	2-course
Muskogee....	Muskogee	1913	1,608	1.00	—	Alley	1-course
Okmulgee....	Okmulgee	1912	8,000	1.60	—	City street	2-course
Pittsburg....	Haileyville	1912	1,700	1.00	—	City street	1-course
Tulsa.....	Tulsa	1910	2,400	1.40	—	Alley	2-course
Tulsa.....	Tulsa	1914	7,500	—	—	City street	1-course
OREGON							
Baker.....	Baker	1912	444	1.32	—	Alley	1-course
Benton.....	Corvallis	1914	6,045	0.92	—	City street	1-course
Clatsop.....	Astoria	1911	3,778	1.60	Reinforced	City street	1-course
Clatsop.....	Astoria	1912	2,800	—	—	City street	1-course
Clatsop.....	Astoria	1913	2,200	—	—	City street	1-course
Clatsop.....	Astoria-	1914	1,795	1.76	—	Road	1-course
	Warrenton						
Clatsop.....	Astoria-	1914	12,925	1.76	—	Road	2-course
	Warrenton						
Coos.....	Coquille	1913	4,000	—	—	City street	1-course
Douglas.....	Southerlin	1914	15,302	1.34	—	Road	1-course
Hood River...	Hood River	1913	19,000	1.35	—	City street	1-course
Marion.....	Salem	1910	1,173	1.10 to 1.35	—	Alley	1-course
Marion.....	Salem	1911	2,947	1.10 to 1.35	—	Alley	1-course
Marion.....	Salem	1912	60,000	0.97 to 1.35	—	City street	1-course
Marion.....	Salem	1912	1,915	1.10 to 1.35	—	Alley	1-course
Marion.....	Salem	1913	1,012	1.10 to 1.35	—	Alley	1-course
Marion.....	Salem	1914	1,525	1.10 to 1.35	—	Alley	1-course
Marion.....	Salem	1914	12,487	1.26	—	Road	Bit.-top 1-course
Multnomah...	Portland	1912	270,700	1.10 to 1.45	—	City street	2-course
Multnomah...	Portland	1912	1,635	1.10	—	Alley	2-course
Multnomah...	Portland	1913	156,150	1.25	—	City street	2-course
Multnomah...	Portland	1913	2,972	1.15 to 1.30	—	Alley	1-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
ORE. (Cont'd)							
Multnomah . . .	Portland	1914	96,520	\$1.25	—	City street	2-course
Multnomah . . .	Portland	1914	3,158	1.10 to 1.55	—	Alley	2-course
Multnomah . . .	St. Johns	1912	7,400	0.98 to 1.35	—	City street	1-course
Yamhill	Dayton	1914	9,000	0.98	—	City street	1-course
Yamhill	McMinnville	1914	73,503	1.52	—	City street	Bit.-top 1-course
PENNSYLVANIA							
Adams	Gettysburg	1913	7,500	1.08	—	City street	1-course
Adams	Near McSherrys- town	1909	7,774	0.83	—	Road	1-course
Allegheny	Natrona- Brackenridge	1913	5,904	1.38	—	Road	Bit.-top 1-course
Allegheny	Bridgeville	1914	9,020	—	—	Road	1-course
Allegheny	Carnegie	1912	2,018	1.18	—	City street	Bit.-top 1-course
Allegheny	Clairton	1913	12,000	1.65	—	City street	Bit.-top 1-course
Allegheny	Knoxville	1913	1,200	1.28	—	City street	Bit.-top 1-course
Allegheny	McKees Rocks	1913	820	—	—	City street	Bit.-top 1-course
Allegheny	E. Pittsburgh	1913	1,847	1.70	—	City street	1-course
Allegheny	Pittsburgh	1914	2,077	1.35	—	City street	1-course
Allegheny	Pittsburgh	1914	1,500	—	—	City street	1-course
Allegheny	Pittsburgh	1914	815	1.39	—	Alley	1-course
Allegheny	Wilkinsburg	1913	377	1.60	—	City street	1-course
Allegheny	Wilkinsburg	1913	350	1.65	—	Alley	1-course
Allegheny	Woodville	1914	13,142	—	—	Road	1-course
Berks	Reading	1913	692	1.83	—	Alley	2-course
Blair	Bellwood	1912	900	1.36	—	City street	Bit.-top 1-course
Blair	Bellwood	1914	390	1.35	—	City street	1-course
Blair	Juniata	1914	4,350	1.51	Incl. grad- ing & re- inforcing	City street	2-course
Blair	Williamsburg	1914	13,397	1.37 to 1.44	Reinforced	City street	2-course
Blair	Williamsburg	1914	560	1.40	Reinforced	Alley	1-course
Bucks	Perkasie	1910	2,400	—	—	Road	1-course
Cambria	Johnstown	1907	2,000	—	—	City street	2-course
Cambria	Johnstown	1909	2,000	—	—	City street	2-course
Cambria	Johnstown	1910	4,000	—	—	City street	2-course
Cambria	Johnstown	1911	10,000	—	—	City street	2-course
Cambria	Westmont	1912	7,813	—	—	City street	2-course
Chester	E. Bradford Twp.	1914	1,266	—	—	Road	1-course
Chester	Kennett Square	1913	1,500	0.83	—	City street	2-course
Clarion	Clarion	1913	1,000	1.80	—	City street	Bit.-top 2-course
Clarion	Clarion	1913	844	1.62	—	Alley	2-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICATION	TYPE
PA. (Cont'd)							
Clearfield	Dubois	1914	3,671	—	—	City street	2-course
Cumberland . .	Camp Hill	1910	3,975	\$0.95	—	City street	2-course
Cumberland . .	Carlisle	1914	200	0.90	—	Alley	1-course
Dauphin	Dauphin	1910	1,800	1.66	—	Road	1-course
Erie	Erie	1904	406	—	—	Alley	2-course
Erie	Erie	1905	233	—	—	Alley	2-course
Erie	Erie	1910	294	—	—	Alley	1-course
Erie	Erie	1912	2,058	1.30	Incl. grad-ing	Alley	2-course
Erie	Erie	1914	873	1.55	—	Alley	2-course
Fayette	Chalkhill	1912	2,080	1.75	—	Road	1-course
Fayette	Dunbar Twp.	1914	8,533	1.15	—	Road	1-course
Fayette	S. Union Twp.	1913	940	—	—	City street	1-course
Franklin	Shippensburg-Orrstown	1909	1,300	—	—	Road	1-course
Huntingdon . .	Huntingdon	1914	1,950	—	—	City street	1-course
Jefferson	Punxsutawney	1912	175	1.57	—	Alley	2-course
Lancaster	Warwick Twp.	1913	2,000	—	—	Road	1-course
Lancaster	West End Twp.	1913	733	—	—	Road	Bit.-top 1-course
Lancaster	White Horse	1912	2,843	—	—	Road	Bit.-top 1-course
Lawrence	New Castle	1906	666	1.15	—	Alley	2-course
Lehigh	Allentown	1908	1,000	1.40	—	City street	2-course
Lehigh	Catasauqua	1913	600	0.65	—	Alley	1-course
Lehigh	Easton	1912	6,500	1.61	—	City street	Bit.-top 1-course
Lehigh	Easton	1912	3,400	1.70	Incl. grad-ing	City street	Bit.-top 1-course
Luzerne	Newport	1913	2,826	1.10	—	City street	1-course
Luzerne	Wilkes-Barre	1912	700	1.50	—	City street	2-course
Lycoming	Hughesville	1914	987	1.37	Inc. curb	City street	2-course
McKean	Bradford	1912	266	1.25	Incl. grad-ing	Alley	1-course
Montgomery . .	Ardmore	1913	2,745	1.30	—	City street	1-course
Montgomery . .	Cynwyd	1913	3,732	1.30	—	City street	1-course
Montgomery . .	Haverford	1913	4,400	—	—	City street	1-course
Montgomery . .	Jenkintown	1914	800	0.82	Reinforced	Road	1-course
Montgomery . .	Lansdale	1914	12,770	1.10	—	Road	1-course
Montgomery . .	Merion	1913	1,869	2.00	Reinforced	City street	1-course
Montgomery . .	Merion	1914	533	—	Reinforced	City street	1-course
Montgomery . .	Moreland Twp.	1913	25,453	1.10	—	Road	Bit.-top 1-course
Northampton . .	Bangor	1914	384	1.47	—	Alley	1-course
Northampton . .	Nazareth	1908	2,044	1.16	—	City street	2-course
Northampton . .	Nazareth	1913	2,700	1.51	—	Road	1-course
Northampton . .	Nazareth	1914	2,380	—	—	City street	1-course
Northampton . .	S. Bethlehem	1906	533	0.90	—	City street	1-course
Northampton . .	S. Bethlehem	1909	900	0.90	—	City street	1-course
Northampton . .	S. Bethlehem	1912	3,500	0.90	—	City street	1-course
Northumber-land	Sunbury	1909	530	—	—	Alley	2-course
Northumber-land	Sunbury	1914	498	—	—	City street	1-course
Philadelphia . .	Overbrook	1913	3,520	—	—	City street	1-course
Philadelphia . .	Philadelphia	1896	57,000	—	—	City street	2-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
PA. (Cont'd)							
Philadelphia ..	Philadelphia	1914	4,222	\$0.84	—	Road	1-course
Philadelphia ..	Philadelphia	1914	14,900	0.92 to 0.98	—	Road	Bit.-top 1-course
Snyder	Selins Grove	1911	3,800	—	—	Road	1-course
Somerset	Rockwood	1914	1,834	1.20	—	Road	1-course
Union	Mifflinburg	1914	329	1.15	—	City street	1-course
Venango	Oil City	1912	376	1.83	Incl. grad- ing	Alley	2-course
Venango	Oil City	1913	133	1.49	—	Alley	2-course
Warren	Warren	1913	830	1.51	—	City street	Bit.-top 2-course
Warren	Warren	1914	2,738	—	—	City street	2-course
Warren	Warren	1914	825	1.64	—	Alley	Bit.-top 1-course
Washington ...	Donora	1913	5,414	1.65	—	City street	1-course
Washington ...	McClane's Rd.	1914	8,213	—	—	Road	1-course
Wyoming	Nicholson	1914	8,122	1.45 to 1.56	—	City street	1-course
Wyoming	Tunkhannock	1913	10,400	1.42	—	City street	1-course
York	Glen Rock	1912	2,000	0.93	—	City street	1-course
York	Hanover	1912	556	1.10	—	City street	Bit.-top 2-course
York	Shrewsbury	1911	3,111	0.93	—	Road	1-course
RHODE ISLAND							
Providence ...	Cranston	1914	1,520	0.68	—	City street	1-course
S. CAROLINA							
Richland	Columbia	1914	2,969	1.35	—	City street	2-course
Richland	Columbia	1914	701	1.50	Incl. grading	Alley	2-course
Union	Union	1912	1,000	0.80	—	City street	1-course
S. DAKOTA							
Brown	Aberdeen	1910	1,000	—	—	Alley	1-course
Codington	Watertown	1906	1,000	—	—	City street	2-course
Codington	Watertown	1909	1,330	1.40	—	Alley	2-course
Codington	Watertown	1910	5,000	—	—	City street	2-course
Codington	Watertown	1910	1,480	1.40	—	Alley	2-course
Codington	Watertown	1913	32,000	—	—	City street	1-course
Davison	Mitchell	1912	26,800	1.50	—	City street	2-course
Davison	Mitchell	1913	37,600	1.45 to 1.55	Reinforced	City street	2-course
Hughes	Pierre	1913	7,000	—	—	City street	2-course
Minnehaha ...	Sioux Falls	1912	5,184	1.03 to 1.36	—	City street	1-course
Minnehaha ...	Sioux Falls	1912	704	1.08	—	Alley	2-course
Minnehaha ...	Sioux Falls	1913	727	1.48	—	Alley	1-course
Pennington ...	Rapid City	1910	2,888	—	—	Alley	1-course
Yankton	Yankton	1914	23,681	—	—	City street	1-course
TENNESSEE							
Hamilton	Chattanooga	1910	3,500	1.04	—	City street	2-course
Hamilton	Chattanooga	1911	2,000	1.08	—	City street	2-course
Hamilton	E. Chatta- nooga	1912	12,250	1.08	—	City street	1-course
Knox	Knoxville	1908	14,534	1.88	—	City street	2-course
Knox	Knoxville	1908	1,246	1.88	—	Alley	2-course
Knox	Knoxville	1909	29,642	1.88	—	City street	2-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
TENN. (Cont'd)							
Knox.....	Knoxville	1912	2,420	\$1.88	—	City street	2-course
Shelby.....	Memphis	1910	48,690	1.12	—	City street	1-course
				to			
Shelby.....	Memphis	1910	4,711	1.20	—	Alley	1-course
Shelby.....	Memphis	1911	24,918	1.12	—	City street	1-course
Shelby.....	Memphis	1912	28,716	1.00	—	City street	1-course
				to			
Shelby.....	Memphis	1912	13,100	1.33	—	City street	Bit.-top
				to			1-course
				1.34			
Shelby.....	Memphis	1912	3,087	0.60	—	Alley	1-course
Shelby.....	Memphis	1913	16,720	1.12	—	City street	Bit.-top
							1-course
Shelby.....	Memphis	1914	23,842	—	—	City street	1-course
TEXAS							
Bell.....	Belton	1914	16,320	2.24	—	City street	2-course
Bexar.....	San Antonio	1913	8,100	1.13	—	City street	2-course
Bexar.....	San Antonio	1914	74,759	—	—	City street	2-course
Dallas.....	Dallas	1910	3,000	1.25	—	City street	Vibro- lithic
Ellis.....	Waxahachie	1913	1,066	—	—	Alley	1-course
Ellis.....	Waxahachie	1914	2,226	—	—	Alley	1-course
El Paso.....	El Paso	1914	600	—	—	Road	1-course
Galveston.....	Galveston	1913	46,040	1.46	—	City street	2-course
Galveston.....	Galveston	1914	44,280	1.28	—	City street	2-course
Galveston.....	Galveston	1914	1,777	—	—	City street	2-course
Grayson.....	Denison	1913	16,000	—	—	City street	2-course
Harrison.....	Marshall	1913	12,000	—	—	City street	Bit.-top
							1-course
Hill.....	Hillsboro	1914	16,835	—	—	Road	1-course
Hunt.....	Greenville	1912	10,000	1.85	—	City street	1-course
Jefferson.....	Beaumont	1914	509	—	—	Alley	2-course
Johnson.....	Cleburne	1914	1,066	—	—	Road	1-course
McLennan.....	Waco	1912	3,500	1.40	—	City street	Bit.-top
							1-course
McLennan.....	Waco	1913	3,000	—	—	City street	Bit.-top
							1-course
McLennan.....	Waco, Austin Rd.	1914	1,944	—	—	Road	1-course
McLennan.....	Waco, Axtell Rd.	1914	2,703	—	—	Road	1-course
McLennan.....	Falls Co. Rd., Waco	1914	715	—	—	Road	1-course
McLennan.....	Gholson Rd.	1914	334	—	—	Road	1-course
McLennan.....	3rd St. Rd.	1914	3,667	1.19	Incl. grading	Road	1-course
McLennan.....	Waco, Robinson Rd.	1914	2,167	1.05	—	Road	1-course
McLennan.....	Waco	1914	250	—	—	Road	1-course
McLennan.....	Waco, Corsicana Rd.	1914	2,512	—	—	Road	1-course
McLennan.....	Waco, Bosqueville Rd.	1914	1,666	—	—	Road	1-course
McLennan.....	Waco, Speegleville Rd.	1914	1,170	—	—	Road	1-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
TEXAS (Cont'd)							
McLennan.....	Waco, McLennan Crossing	1914	2,276	—	—	Road	1-course
McLennan.....	Waco, Dallas Rd.	1914	5,000	—	—	Road	1-course
Milam	Cameron	1914	1,580	—	—	Road	1-course
Tarrant	Ft. Worth	1912	22,635	\$2.06	—	City street	2-course
Tarrant	Ft. Worth	1912	9,400	1.85	—	City street	Vibro-lithic
Tarrant	Ft. Worth	1913	1,600	—	—	City street	2-course
Wichita	Wichita Falls	1911	1,111	1.35	—	City street	2 course
Wichita	Wichita Falls	1914	10,000	1.10	—	City street	2-course
Wichita	Wichita Falls	1914	1,000	—	—	Alley	1-course
Wilbarger	Vernon	1914	800	—	—	City street	1-course
UTAH							
Beaver	Beaver City	1914	9,444	—	—	City street	1-course
Cache	Logan	1914	45,993	1.47	Incl. grading	City street	1-course
Davis	St. Joseph	1914	14,733	0.67	—	Road	1-course
Davis	Woods Cross	1914	23,200	0.90	—	Road	1-course
Salt Lake	Salt Lake City	1913	3,926	1.10	—	City street	2-course
Salt Lake	Salt Lake City	1914	45,000	—	—	City street	1-course
Salt Lake	Salt Lake City	1914	755	1.35	—	Alley	1-course
San Pete	Ephraim	1914	9,496	1.42	—	Road	1-course
Summit	Park City	1914	6,222	2.09	—	Road	1-course
Weber	Ogden	1910	1,188	3.33	Incl. drains, curbs, etc.	Alley	2-course
Weber	Ogden	1912	1,995	1.84	—	Alley	2-course
Weber	Ogden	1914	9,223	1.20	—	City street	2-course
VIRGINIA							
Elizabeth City.	Phœbus	1906	13,333	1.50	2 yr. guar.	City street	1-course
Norfolk	Norfolk	1910	2,000	1.25	—	Alley	2-course
Norfolk	Norfolk	1911	3,520	0.87	—	City street	1-course
Norfolk	Norfolk	1911	2,259	1.15	—	Alley	2-course
				to			
				1.35			
Norfolk	Portsmouth	1912	1,247	0.92	—	Road	1-course
Norfolk	Portsmouth	1913	1,072	0.92	—	Road	1-course
Prince Edward	Farmville	1913	7,300	1.25	—	City street	1-course
Pulaski	Pulaski	1914	3,000	1.10	—	City street	1-course
Roanoke	Roanoke	1913	1,450	1.40	—	City street	1-course
Roanoke	Roanoke	1913	2,600	1.40	—	Alley	2-course
Tazewell	Pocahontas	1914	1,200	0.75	—	City street	1-course
WASHINGTON							
Chehalis	Aberdeen	1909	1,000	1.65	—	Alley	2-course
Chehalis	Aberdeen	1910	1,000	1.65	—	Alley	2-course
Chehalis	Aberdeen	1911	2,000	1.65	—	Alley	2-course
Chehalis	Aberdeen	1912	2,200	1.49	—	City street	2-course
Chehalis	Aberdeen	1912	3,000	1.65	—	Alley	2-course
Chehalis	Aberdeen	1913	20,094	1.15	—	City street	2-course
				to			
				1.76			
Chehalis	Aberdeen	1913	3,111	1.65	—	Alley	2-course
Chehalis	Aberdeen	1914	5,197	1.10	—	City street	Bit.-top
				to			2-course
				1.25			
Chehalis	Hoquiam	1912	667	1.50	—	Alley	2-course
Chehalis	Hoquiam	1914	14,700	1.26	Reinforced	City street	2-course
Chehalis	Montesano	1911	7,400	1.32	—	City street	2-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
WASH. (Cont'd)							
Chehalis.....	Montesano	1911	2,063	\$1.27	—	Alley	2-course
Chehalis.....	Montesano	1913	2,300	—	—	City street	1-course
Chehalis.....	Montesano	1914	13,500	0.91 to 1.00	—	City street	2-course
Chehalis.....	Permanent Highway No. 7	1914	16,742	1.01	—	Road	2-course
Clarke.....	Vancouver	1911	15,000	1.15	—	Road	1-course
Clarke.....	Vancouver	1913	900	1.25	—	City street	Bit.-top 1-course
Clarke.....	Vancouver	1913	4,659	1.42	—	Road	2-course
Clarke.....	Permanent Highway No. 2A	1914	22,176	1.20 to 1.25	—	Road	2-course
Cowlitz.....	Woodland	1914	17,110	0.96	—	City street	1-course
King.....	Kent	1912	10,855	1.28	—	City street	Bit.-top 1-course
King.....	Seattle	1913	1,365	1.25 to 1.26	—	City street	2-course
King.....	Seattle	1914	8,138	1.10 to 1.40	—	City street	2-course
King.....	Seattle	1914	691	1.10	—	Alley	2-course
King.....	Tolt	1913	12,000	1.00	—	City street	1-course
Kittitas.....	Ellensburg	1913	1,006	1.25	—	City street	Bit.-top 1-course
Lewis.....	Centralia	1910	2,930	1.33	—	Alley	2-course
Lewis.....	Centralia	1912	14,000	1.15	—	City street	Bit.-top 1-course
Lewis.....	Centralia	1912	30,507	1.04 to 1.32	—	Road	2-course
Lewis.....	Centralia	1913	27,500	0.81 to 0.99	—	City street	1-course
Lewis.....	Centralia	1913	1,408	—	—	Road	2-course
Lewis.....	Chehalis	1912	13,510	0.92 to 1.09	—	City street	1-course
Lewis.....	Chehalis	1913	19,047	1.04 to 1.09	—	City street	1-course
Lewis.....	Chehalis	1913	10,133	1.12	—	Road	2-course
Lewis.....	Chehalis	1914	23,668	0.95 to 1.04	—	City street	1-course
Lewis.....	Chehalis	1914	8,213	—	—	Road	2-course
Lewis.....	Lewis	1913	14,080	1.14	—	Road	2-course
Lewis.....	Permanent Highway No. 4	1914	10,560	1.09	—	Road	2-course
Lewis.....	Permanent Highway No. 5	1914	14,080	1.29	—	Road	2-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
WASH. (Cont'd)							
Pacific	S. Bend	1913	29,637	\$1.25	—	City street	1-course
Pacific	S. Bend	1914	22,420	1.20	—	City street	1-course
				to			
				1.30			
Pierce	Buckley	1913	5,150	1.15	—	City street	1-course
Pierce	Buckley	1914	8,120	1.04	—	City street	1-course
Pierce	Pacific Hy.						
	South	1914	41,944	1.10	—	Road	1-course
Pierce	Tacoma	1910	3,032	—	—	Alley	2-course
Pierce	Tacoma	1911	5,196	—	—	City street	2-course
Pierce	Tacoma	1911	7,810	—	—	Alley	2-course
Pierce	Tacoma	1912	2,830	—	—	City street	1-course
Pierce	Tacoma	1912	44,000	1.20	—	City street	2 course
Pierce	Tacoma	1912	2,455	—	—	Alley	1-course
Pierce	Tacoma	1913	3,378	—	—	Alley	2-course
Pierce	Tacoma	1913	161,336	0.80	—	Road	1-course
				to			
				0.86			
Pierce	Tacoma	1913	119,100	1.20	—	Road	2-course
				to			
				1.40			
Pierce	Tacoma	1914	968	—	—	City street	2-course
Pierce	Tacoma	1914	5,148	—	—	Alley	2-course
Pierce	Permanent						
	Hy. No. 3A	1914	59,517	1.05	—	Road	1-course
Skagit	Burlington	1913	18,842	1.25	—	City street	2-course
Skagit	Burlington	1914	5,612	1.20	—	City street	2-course
Skagit	Mt. Vernon	1914	21,100	1.30	—	Road	2-course
Skagit	Sedro Woolley	1913	6,000	—	—	Road	2-course
Skagit	Permanent						
	Hy. No. 2	1913	4,693	1.19	—	Road	2-course
Skagit	Permanent Hy.						
	No. 2	1914	12,980	1.19	—	Road	2-course
Skagit	Permanent						
	Hy. No. 3	1914	21,155	1.17	—	Road	1-course
Snohomish ...	Arlington-						
	Silvana	1914	9,422	1.12	—	Road	2-course
Snohomish ...	Everett-						
	Lowell	1914	17,258	1.20	—	Road	2-course
Snohomish ...	Marysville	1914	5,678	1.19	—	City street	2-course
Snohomish ...	Monroe	1913	20,743	—	—	City street	1-course
Snohomish ...	Stanwood-						
	Skagit Co.	1914	9,348	1.07	—	Road	2-course
Spokane	Denison	1914	24,639	—	—	Road	1-course
Spokane	Spokane	1913	57,660	1.90	—	City street	1-course
Spokane	Spokane	1913	1,587	1.90	—	Alley	2-course
				to			
				2.00			
Spokane	Spokane	1914	858	1.90	—	Alley	2-course
Thurston	Olympia	1914	90,346	—	—	Road	1-course
Walla Walla ..	Walla Walla	1912	9,800	1.25	—	Alley	2-course
Walla Walla ..	Walla Walla	1913	17,610	1.30	—	City street	Bit.-top
							1-course
Walla Walla ..	Walla Walla	1914	967	1.35	—	Road	2-course
Whatcom	Bellingham	1912	8,000	1.35	—	City street	1-course
Whatcom	Bellingham	1912	200	1.50	—	City street	2-course
Whatcom	Bellingham	1912	905	1.70	—	Alley	1-course
Whatcom	Bellingham	1912	669	1.40	—	Alley	2-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
WASH. (Cont'd)							
Whatcom.	Bellingham	1913	25,310	\$1.23 to 1.30	—	City street	1-course
Whatcom.	Bellingham	1913	10,877	1.29 to 1.50	—	City street	2-course
Whatcom.	Bellingham	1913	1,714	1.30 to 1.35	—	Alley	1-course
Whatcom.	Bellingham	1914	10,318	1.20 to 1.40	—	City street	1-course
Whatcom.	Bellingham	1914	44,922	1.20 to 1.40	—	City street	2-course
Whatcom.	Lynden	1914	18,000	—	—	City street	1-course
Whatcom.	Permanent	1914	17,481	1.11	—	Road	1-course
Whitman.	Hy. No. 2	1914	13,267	—	—	City street	Bit.-top
	Uniontown	1913					1-course
Yakima.	N. Yakima	1911	2,100	1.35	—	City street	1-course
W. VIRGINIA							
Cabell.	Huntington	1910	900	1.30	—	City street	2-course
Doddridge.	West Union	1914	10,045	1.55	Reinforced	City street	1-course
Kanawha.	Charleston	1912	3,290	1.25 to 1.33	—	City street	Bit.-top
							1-course
Kanawha.	Charleston	1913	7,700	1.10 to 1.47	—	City street	1-course
Kanawha.	Charleston	1913	870	1.40	—	Alley	2-course
Kanawha.	Charleston	1914	3,380	1.41	—	City street	1-course
Kanawha.	Charleston	1914	3,345	1.31	—	City street	Bit.-top
							1-course
Lincoln.	Sheridan	1913	21,850	—	—	City street	Bit.-top
							1-course
Marion.	Fairmont						
	Dist.	1914	222	—	—	Road	1-course
Marion.	Mannington						
	Dist.	1914	13,690	—	—	Road	1-course
Pleasants.	St. Marys	1913	12,267	0.96	—	Road	1-course
Pleasants.	Washington						
	Dist.	1914	12,267	—	—	Road	1-course
Ritchie.	Pennsboro	1914	1,495	1.21 to 1.51	—	City street	1-course
Roane.	Arnoldsburg						
	Pike	1914	6,678	1.85	—	Road	1-course
Roane.	Spencer-						
	Ravenswood	1914	8,213	—	—	Road	1-course
Wood.	Parkersburg	1914	12,044	1.25 to 1.32	—	City street	1-course
Wood.	Parkersburg	1914	5,100	1.24 to 1.49	—	Alley	1-course
Wood.	Parkersburg	1914	63,360	—	—	Road	1-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
WISCONSIN							
Ashland.....	Ashland	1911	3,456	—	—	City street	2-course
Brown	De Pere	1910	20,889	\$1.31	Incl. grad- ing and curbs	City street	2-course
Brown	De Pere	1911	5,111	1.31	Incl. grad- ing	City street	2-course
Brown	Green Bay	1910	6,200	1.30	Incl. grad- ing	City street	2-course
Brown	Green Bay	1911	1,907	1.35	Incl. grad- ing and curb	City street	2-course
Brown	Green Bay	1912	26,000	1.25	—	City street	2-course
Brown	Green Bay	1913	1,300	—	—	City street	1-course
Brown	Green Bay	1914	1,837	0.92	—	City street	1-course
Brown	Preble	1914	12,848	0.77	Excl. cement	Road	1-course
Chippewa.....	Chippewa Falls	1912	700	1.28	—	City street	2-course
Columbia.....	—	1914	6,570	—	—	Road	1-course
Dane	Madison	1914	400	1.40	—	Alley	2-course
Dane	—	1914	14,080	—	—	Road	1-course
Dodge	—	1914	4,690	—	—	Road	1-course
Dunn.....	Menomonee	1912	7,326	1.15	Incl. grad- ing	City street	1-course
Douglas.....	Superior	1912	14,279	1.29	Reinforced	City street	2-course
Douglas.....	Superior	1913	56,200	1.26 to 1.39	—	City street	2-course
Douglas.....	Superior	1913	900	—	—	Alley	2-course
Douglas.....	Superior	1913	1,906	1.46	—	Road	1-course
Douglas.....	Superior	1914	42,580	1.32 to 1.39	Reinforced	City street	2-course
Douglas.....	Superior	1914	23,000	—	—	Road	1-course
Douglas.....	S. Superior	1914	10,268	1.07	—	Road	1-course
Eau Claire....	Eau Claire	1914	8,753	1.03 to 1.27	Reinforced	City street	1-course
Eau Claire....	Eau Claire	1914	1,080	1.17 to 1.45	—	Alley	1-course
Fond du Lac ..	Fond du Lac	1908	30,220	1.24 to 1.37	—	City street	2-course
Fond du Lac ..	Fond du Lac	1908	585	1.44	—	Alley	2-course
Fond du Lac ..	Fond du Lac	1909	59,195	1.10 to 1.32	—	City street	2-course
Fond du Lac ..	Fond du Lac	1910	44,297	1.09 to 1.27	Partly re- inforced	City street	2-course
Fond du Lac ..	Fond du Lac	1911	11,043	1.25	—	City street	2-course
Fond du Lac ..	Fond du Lac	1912	2,817	1.36	Reinforced	City street	2-course
Fond du Lac ..	Fond du Lac	1913	4,350	1.36	—	City street	2-course
Fond du Lac ..	Fond du Lac	1914	41,859	1.49	Incl. grad- ing	City street	2-course
Grant.....	Platteville	1911	8,880	—	—	City street	2-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
WIS. (Cont'd)							
Grant	Platteville	1914	3,376	—	Reinforced	City street	2-course
Green	—	1914	4,690	—	—	Road	1-course
Green	Cadiz	1913	387	\$1.60	—	Road	1-course
Green	Decatur	1913	2,206	1.11	—	Road	1-course
Green Lake . . .	Berlin	1914	4,900	1.41	Reinforced	City street	2-course
Iowa	—	1914	4,690	—	—	Road	1-course
Jackson	—	1914	2,340	—	—	Road	1-course
Jefferson	Jefferson	1913	8,500	—	—	City street	1-course
Jefferson	Watertown	1913	27,084	1.35	Reinforced	City street	1-course
Jefferson	Watertown	1913	387	1.36	—	Alley	1-course
Jefferson	Watertown	1914	6,726	1.43	Incl. grad- ing	City street	2-course
Juneau	—	1914	939	—	—	Road	1-course
Kenosha	Kenosha	1914	8,900	—	Incl. grad- ing	City street	2-course
Kenosha	Various Rds.	1913	26,610	0.67 to 1.12	—	Road	1-course
Kenosha	—	1914	72,270	—	—	Road	1-course
Kewaunee	—	1914	4,880	—	—	Road	1-course
La Crosse	La Crosse	1913	1,054	1.21	—	Road	1-course
La Crosse	—	1914	11,450	—	—	Road	1-course
Manitowoc	—	1914	9,387	—	—	Road	1-course
Marinette	Hanley	1912	9,000	—	—	City street	1-course
Marinette	Marinette	1912	187	1.20	—	Alley	2-course
Marinette	Marinette	1913	373	1.22	—	Alley	1-course
Marinette	Marinette	1914	10,146	1.30	—	City street	2-course
Marquette	Montello	1909	4,400	0.97	—	City street	2-course
Milwaukee	Cedarburg	1914	16,772	1.25	—	Road	1-course
Milwaukee	Chicago No. 3	1913	9,247	1.40	—	Road	1-course
Milwaukee	Chicago No. 4	1913	16,528	1.43	—	Road	1-course
Milwaukee	Chicago No. 5	1914	22,012	1.32	—	Road	1-course
Milwaukee	Eighth Ave.	1914	10,280	1.15	—	Road	1-course
Milwaukee	Fond du Lac Rd.	1913	20,987	1.12	—	Road	1-course
Milwaukee	Fond du Lac No. 1	1914	29,592	1.24	—	Road	1-course
Milwaukee	Green Bay No. 1	1913	15,708	1.25	—	Road	1-course
Milwaukee	Green Bay No. 2	1914	25,163	1.17	—	Road	1-course
Milwaukee	Green Bay No. 3	1914	38,338	1.25	—	Road	1-course
Milwaukee	Hawley No. 1	1914	9,278	1.29	—	Road	1-course
Milwaukee	Howell Ave.	1914	21,197	1.45	—	Road	1-course
Milwaukee	Janesville Plank No. 2	1913	25,858	1.70	—	Road	1-course
Milwaukee	Janesville Plank No. 3	1913	16,626	1.78	—	Road	1-course
Milwaukee	Kilbourn No. 3	1913	14,262	1.38	—	Road	1-course
Milwaukee	Kilbourn No. 2	1914	14,808	1.19	—	Road	1-course
Milwaukee	Kilbourn No. 3	1914	6,910	—	—	Road	1-course
Milwaukee	Lake	1912	14,280	1.03	—	Road	1-course
Milwaukee	Lake	1912	45,698	1.62	—	Road	1-course
Milwaukee	Layton Ave.	1914	794	1.14	—	Road	1-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
WIS. (Cont'd)							
Milwaukee ...	Loomis No. 1	1914	24,067	\$1.42	—	Road	1-course
Milwaukee ...	Loomis No. 2	1913	28,197	1.53	—	Road	1-course
Milwaukee ...	Lynn Ave.	1914	9,563	1.15	—	Road	1-course
Milwaukee ...	E. Milwaukee	1913	2,000	1.90	—	City street	2-course
Milwaukee ...	E. Milwaukee	1914	1,545	1.67	Reinforced	City street	2-course
Milwaukee ...	S. Milwaukee	1912	12,000	1.35	—	City street	1-course
Milwaukee ...	S. Milwaukee	1914	8,500	1.20	—	City street	1-course
Milwaukee ...	Packard Ave.	1914	12,131	1.09	—	Road	1-course
Milwaukee ...	Port Washing- ton	1913	10,510	1.31	—	Road	1-course
Milwaukee ...	Port Washing- ton No. 1	1914	10,194	1.15	—	Road	1-course
Milwaukee ...	Whitefish Bay	1914	3,606	1.37	Reinforced	City street	1-course
Monroe	—	1914	5,530	—	—	Road	1-course
Monroe	Leon	1912	610	0.82	—	City street	1-course
Monroe	Sparta	1913	851	1.18	—	Road	1-course
Outagamie....	Appleton	1909	5,333	1.02	—	City street	1-course
Outagamie....	Appleton	1909	12,258	1.28	Incl. grad- ing	City street	2-course
				1.32			
Outagamie....	Appleton	1910	1,600	—	—	Alley	1-course
Outagamie....	Appleton	1911	2,000	1.22	—	City street	2-course
Outagamie....	Appleton	1912	2,300	1.15	—	City street	1-course
Outagamie....	Appleton	1912	3,418	1.30	Incl. grad- ing	City street	Bit.-top 2-course
Outagamie....	Appleton	1912	1,618	—	—	Alley	1-course
Outagamie....	Appleton	1913	32,000	—	—	City street	1-course
Outagamie....	Appleton	1913	533	—	—	Alley	2-course
Outagamie....	Appleton	1914	720	—	—	Alley	2-course
Outagamie....	Kimberly	1914	16,460	0.84	Reinforced	City street	2-course
Ozaukee	Port Washing- ton	1913	15,000	—	—	City street	2-course
Racine	Burlington	1911	12,200	1.06	—	City street	2-course
Racine	Racine	1912	893	—	—	City street	1-course
Racine	Racine	1914	16,400	—	—	Road	1-course
Racine	Racine	1914	16,370	0.78	—	Road	1-course
Racine	Racine	1914	11,799	1.30	—	Road	1-course
Richland	Richland Center	1914	11,000	1.48	Reinforced	City street	1-course
Richland	Richland Center	1914	352	0.88	—	Alley	1-course
Richland	—	1914	3,100	—	—	Road	1-course
Sauk	—	1914	9,387	—	—	Road	1-course
Sheboygan....	Plymouth	1910	11,000	1.23	Reinforced	City street	2-course
Sheboygan....	Plymouth	1913	4,500	1.25	—	City street	2-course
Sheboygan....	Sheboygan	1911	19,900	—	—	City street	2-course
Sheboygan....	Sheboygan	1912	24,617	—	Reinforced	City street	2-course
Sheboygan....	Sheboygan	1912	720	—	—	Alley	2-course
Sheboygan....	Sheboygan	1913	19,931	1.25	Reinforced	City street	2-course
Sheboygan....	Sheboygan	1913	720	1.37	Incl. grading	Alley	2-course
Sheboygan....	Sheboygan	1914	2,160	1.37	Rein. incl. grading	Alley	2-course
Sheboygan....	Sheboygan	1914	50,302	1.35 to 1.40	Reinforced	City street	2-course
Sheboygan....	Sheboygan	1914	30,666	0.68	Excl. cement	Road	1-course

PORTLAND CEMENT CONCRETE HIGHWAYS IN UNITED STATES AND CANADA

STATE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICA- TION	TYPE
WIS. (Cont'd)							
Waukesha	Mukwonago	1913	14,066	\$1.57	—	Road	1-course
Waukesha	Mukwonago	1914	4,125	—	—	Road	1-course
Waukeshara	Wautoma	1914	4,800	1.34	Reinforced	City street	2-course
Waushara		1914	375	—	—	Road	1-course
Winnebago	Menasha	1909	11,774	—	Reinforced	City street	2-course
Winnebago	Menasha	1910	18,982	—	Reinforced	City street	2-course
Winnebago	Menasha	1911	2,100	1.22	—	City street	2-course
Winnebago	Menasha	1911	595	1.22	Reinforced	City street	2-course
Winnebago	Menasha	1911	1,500	—	—	Alley	1-course
Winnebago	Menasha	1912	4,480	0.89	—	City street	1-course
Winnebago	Neenah- Menasha	1914	4,960	0.79	Excl. cement	Road	2-course
Winnebago	Neenah	1909	1,500	1.25	Incl.grading	City street	2-course
Winnebago	Neenah	1910	4,044	1.25	Incl.grading	City street	2-course
Winnebago	Oshkosh	1909	5,100	1.57	Incl. grad- ing	City street	2-course
Winnebago	Oshkosh	1910	4,463	1.57	Incl. grad- ing	City street	2-course
Winnebago	Oshkosh	1912	4,410	1.72	Incl. grad- ing	City street	2-course
Winnebago	Oshkosh	1913	30,000	1.48 to 1.49	Incl. grad- ing	City street	1-course
Winnebago	Oshkosh	1913	4,900	1.37	—	City street	Bit.-top 1-course
Winnebago	Oshkosh	1914	20,886	1.63 to 1.75	Reinforced	City street	2-course
Wood	—	1914	14,450	—	—	Road	1-course
WYOMING							
Sheridan	Sheridan	1913	21,850	—	—	City street	Bit.-top 1-course

CANADA

PROVINCE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICATION	TYPE
ALBERTA							
Calgary	Calgary	1910	104,200	—	—	City street	1-course
Medicine Hat	Lethbridge	1912	1,717	—	—	Lane	1-course
Strathcona	Edmonton	1909	1,319	—	—	City street	1-course
Strathcona	Edmonton	1910	10,476	—	—	City street	1-course
Strathcona	Edmonton	1911	10,020	—	—	City street	1-course
Strathcona	Edmonton	1912	12,178	—	—	City street	1-course
Strathcona	Edmonton	1913	53,413	—	—	City street	1-course
Strathcona	Edmonton	1914	25,587	—	—	City street	1-course
BRITISH COLUMBIA							
Nanaimo	Victoria	1910	6,729	—	—	City street	1-course
Nanaimo	Victoria	1913	23,837	—	—	City street	1-course
New Westminster	New Westminster	1913	10,657	—	—	City street	1-course
New Westminster	New Westminster	1914	15,267	—	—	City street	1-course
Vancouver	Vancouver	1910	3,554	—	—	City street	1-course
Vancouver	Vancouver	1911	28,075	—	—	City street	1-course
Vancouver	Vancouver	1912	20,704	—	—	City street	1-course
Vancouver	Vancouver	1912	11,195	—	—	Lane	1-course
Vancouver	Vancouver	1913	5,920	—	—	City street	1-course
Vancouver	Vancouver	1914	21,104	—	—	City street	1-course
MANITOBA							
Brandon	Brandon	1913	1,260	—	—	City street	1-course
Brandon	Brandon	1914	1,778	—	—	Lane	1-course
Macdonald	Winnipeg	1913	16,484	—	—	Lane	1-course
Macdonald	Winnipeg	1914	41,688	—	—	City street	1-course
Selkirk	Fort Garry	1913	34,850	—	—	Road	1-course
NEW BRUNSWICK							
St. John	St. John	1913	540	—	—	City street	1-course
NOVA SCOTIA							
Colchester	Truro	1913	650	—	—	City street	1-course
Cumberland	Amherst	1914	10,670	\$1.90	—	City street	2-course
ONTARIO							
Algoma	Sault Ste. Marie	1914	1,222	—	—	City street	1-course
Algoma	Steelton	1912	13,400	1.25 to 1.40	—	City street	2-course
Brant	Brantford	1910	1,051	—	—	City street	1-course
Brant	Brantford	1911	1,545	—	—	City street	1-course
Brant	Brantford	1912	889	—	—	City street	1-course
Brant	Brantford	1914	4,980	—	—	City street	1-course
Elgin	Aylmer	1913	15,537	—	Reinforced	City street	2-course
Elgin	Aylmer	1913	3,300	—	—	Road	2-course
Elgin	Aylmer	1914	6,658	—	—	City street	2-course
Elgin	Aylmer	1914	6,395	—	—	Road	2-course
Elgin	St. Thomas	1913	11,689	—	Reinforced	City street	1-course
Elgin	Aylmer	1914	16,200	0.95 to 1.45	Reinforced	City street	1-course
Essex	Essex	1913	2,896	—	—	City street	1-course
Essex	Essex	1914	4,500	—	—	City street	1-course
Essex	Ford City	1914	11,691	1.25	Reinforced	City street	2-course
Essex	Sandwich	1914	32,210	1.55 to 1.64	—	Road	1-course

CANADA

PROVINCE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICATION	TYPE
ONT. (Cont'd)							
Essex.....	Sandwich	1914	5,402	\$1.35 to 1.40	Reinforced	City street	2-course
Essex.....	Walkerville	1914	71,114	1.35	—	City street	2-course
Essex.....	Windsor	1907	35,105	0.82 to 1.17	—	City street	2-course
Essex.....	Windsor	1908	27,646	0.99 to 1.02	—	City street	2-course
Essex.....	Windsor	1909	21,251	0.93	—	City street	2-course
Essex.....	Windsor	1910	15,931	0.82	—	City street	2-course
Essex.....	Windsor	1911	23,331	0.90 to 1.01	—	City street	2-course
Essex.....	Windsor	1912	79,389	0.93 to 1.11	—	City street	2-course
Essex.....	Near Windsor	1912	5,577	—	—	Road	1-course
Essex.....	Windsor	1913	55,620	0.93 to 1.29	—	City street	2-course
Essex.....	Windsor	1914	75,511	1.22 to 1.33	Reinforced	City street	2-course
Frontenac....	Kingston	1914	937	—	—	Lane	1-course
Green.....	Owen Sound	1914	5,985	—	Reinforced	City street	2-course
Grenville....	Kemptville	1912	1,684	—	—	City street	1-course
Haldimand....	Cayuga	1913	2,050	—	—	City street	1-course
Haldimand....	Cayuga	1914	1,775	—	—	City street	1-course
Haldimand....	Dunnville	1912	5,470	1.12	Reinforced	City street	1-course
Haldimand....	Dunnville	1913	7,230	—	Reinforced	City street	1-course
Haldimand....	Jarvis	1914	14,300	1.40	—	City street	1-course
Halton.....	Milton	1913	6,639	—	—	City street	1-course
Halton.....	Oakville	1914	13,590	1.87	Reinforced	City street	2-course
Huron.....	Wingham	1913	10,710	—	Reinforced	City street	1-course
Kent.....	Chatham	1907	978	1.35	—	City street	2-course
Kent.....	Chatham	1912	3,580	1.37	Reinforced	City street	1-course
Kent.....	Chatham	1913	7,256	—	Reinforced	City street	1-course
Kent.....	Chatham	1914	6,048	1.25	Reinforced	City street	1-course
Lambton....	Sarnia	1913	10,845	—	—	Road	1-course
Middlesex....	London	1913	4,063	—	Reinforced	City street	1-course
Middlesex....	London	1914	6,174	—	—	City street	1-course
Ontario.....	Oshawa	1913	9,334	—	Reinforced	City street	1-course
Ontario.....	Oshawa	1914	12,414	—	—	City street	1-course
Oxford.....	Woodstock	1905	800	—	—	Lane	1-course
Oxford.....	Woodstock	1913	1,230	—	—	Lane	1-course
Oxford.....	Woodstock	1914	532	—	—	Lane	1-course
Peel.....	Brampton	1912	5,000	—	—	City street	1-course
Peel.....	Brampton	1913	1,867	—	—	City street	1-course
Peel.....	Brampton	1914	8,566	—	Reinforced	City street	1-course
Perth.....	Listowel	1913	2,667	—	—	City street	1-course
Perth.....	Stratford	1914	6,380	1.08 to 1.17	Reinforced	City street	1-course
Peterborough	Peterborough	1912	975	0.80	—	City street	1-course
Simcoe.....	Barrie	1913	15,000	—	—	City street	1-course
Thunder Bay..	Pt. Arthur	1909	1,060	—	—	City street	1-course

CANADA

PROVINCE AND COUNTY	TOWN	YEAR	SQUARE YARDS	COST PER SQUARE YARD	REMARKS	CLASSIFICATION	TYPE
ONT. (Cont'd)							
Waterloo	Berlin	1913	600	—	Reinforced	City street	1-course
Waterloo	St. Jacobs	1913	1,333	—	—	City street	1-course
Waterloo	St. Jacobs	1914	1,111	—	—	City street	1-course
Welland	Niagara Falls	1913	6,500	\$1.50	Reinforced	City street	1-course
Welland	Stamford	1913	2,052	—	—	City street	1-course
Wellington	Guelph	1913	1,340	—	—	City street	1-course
Wentworth	Hamilton	1914	1,438	1.10	—	City street	1-course
York	Leaside	1913	4,667	—	—	City street	1-course
York	Toronto	1898	530	—	—	Lane	1-course
York	Toronto	1902	408	—	—	Lane	1-course
York	Toronto	1903	1,494	—	—	Lane	1-course
York	Toronto	1904	646	—	—	Lane	1-course
York	Toronto	1906	1,231	—	—	Lane	1-course
York	Toronto	1907	1,975	—	—	Lane	1-course
York	Toronto	1908	1,993	—	—	Lane	1-course
York	Toronto	1909	1,353	—	—	Lane	1-course
York	Toronto	1910	849	—	—	Lane	1-course
York	Toronto	1911	1,179	—	—	Lane	1-course
York	Toronto	1912	16,336	—	—	City street	1-course
York	Toronto	1913	24,941	—	—	City street	1-course
York	Toronto	1914	29,751	—	—	City street	1-course
QUEBEC							
Chambly	Greenfield Pk.	1913	1,778	—	—	Road	1-course
Chambly	Longueuil	1913	16,800	—	—	Road	1-course
Chambly	Longueuil	1914	25,200	—	—	City street	1-course
Chateauguay . . .	Chateauguay	1911	260	—	—	Road	1-course
Hochelaga	La Salle	1914	7,774	—	—	City street	1-course
Hochelaga	Maisonneuve	1912	25,813	—	—	City street	1-course
Hochelaga	Maisonneuve	1913	44,437	—	Reinforced	City street	1-course
Hochelaga	Maisonneuve	1914	35,402	—	Reinforced	City street	1-course
Hochelaga	Montreal	1911	1,235	—	—	City street	1-course
Hochelaga	Westmount	1912	8,200	—	—	City street	1-course
Hochelaga	Westmount	1914	5,235	—	—	City street	2-course
Huntingdon	Huntingdon	1912	1,445	—	—	Road	1-course
Huntingdon	Huntingdon	1914	1,291	—	—	City street	1-course
Laval	—	1913	28,161	—	—	Road	1-course
Laval	—	1914	32,854	—	—	Road	1-course
Laval	St. Rose	1914	19,735	—	—	City street	1-course
Laval	Sault Au Re-collect	1913	18,500	—	Reinforced	City street	1-course
Laval	Sault Au Re-collect	1914	20,000	—	Reinforced	City street	1-course
Napierville	Napierville	1912	2,347	—	—	Road	1-course
Napierville	Napierville	1913	2,347	—	—	Road	1-course
Quebec	Quebec	1911	4,250	—	—	City street	1-course
SASKATCHEWAN							
Regina	Regina	1910	16,000	—	—	City street	1-course
Regina	Regina	1911	16,710	—	—	City street	1-course

SUMMARY BY STATES OF CONCRETE HIGHWAYS LAID IN THE UNITED STATES

	PRIOR TO 1909 SQUARE YARDS	1909 SQUARE YARDS	1910 SQUARE YARDS	1911 SQUARE YARDS	1912 SQUARE YARDS	1913 SQUARE YARDS	1914 SQUARE YARDS	TOTALS SQUARE YARDS
Alabama .....	..	7,000	19,934	32,882	42,310	47,448	49,500	199,074
Arizona .....	..	..	..	..	..	6,747	21,414	28,161
Arkansas	21,100	..	..	700	103,000	119,778	336,900	581,478
California .....	..	..	..	..	111,080	1,790,950	2,676,756	4,578,786
Colorado	37,000	24,000	35,000	37,902	57,177	48,000	62,355	301,434
Connecticut	18,056	..	35,546	..	17,300	128,849	328,251	528,002
Delaware	15,000	28,000	..	4,667	2,300	14,000	..	63,967
District of Columbia .....	..	..	2,024	..	15,213	25,777	1,745	44,759
Florida	16,000	..	40,400	..	31,604	33,349	42,517	163,870
Georgia .....	..	..	..	..	14,453	64,827	41,285	120,565
Idaho .....	..	..	81,927	3,482	46,433	149,061	19,000	299,903
Illinois	117,222	39,702	23,433	12,192	201,158	319,356	975,106	1,688,169
Indiana	65,671	2,914	4,648	5,557	87,637	136,618	515,108	818,153
Iowa	8,678	76,718	145,508	391,212	614,699	751,893	580,844	2,569,552
Kansas	500	..	6,400	134,071	159,977	47,842	130,822	479,612
Kentucky .....	..	..	..	..	..	..	4,144	4,144
Louisiana	20,000	20,600	20,000	40,000	54,700	..	1,000	156,300
Maine	1,000	2,800	..	14,800	37,446	82,000	15,454	153,500
Maryland .....	..	..	..	25,670	95,087	500,805	1,571,202	2,192,764
Massachusetts	113,343	33,476	23,923	37,427	48,175	68,650	95,698	420,692
Michigan	62,219	44,794	144,048	354,900	549,251	666,334	793,444	2,614,990
Minnesota	485	14,000	8,000	29,280	106,355	107,005	363,055	628,180
Mississippi	7,000	2,500	9,256	..	1,400	38,731	13,989	72,876
Missouri	46,450	34,859	165,385	195,479	697,489	753,450	678,597	2,571,709
Montana	25,200	..	..	..	3,500	2,622	5,350	36,672
Nebraska	12,058	6,649	45,538	8,313	8,100	..	49,408	130,066
New Hampshire .....	..	2,800	..	1,400	..	..	6,830	11,030
New Jersey	4,000	..	..	8,400	31,903	73,588	59,285	177,176
New York	62,916	12,650	23,417	17,683	1,236,571	1,090,874	1,146,339	3,590,450
North Carolina	2,800	..	..	..	42,894	106,000	..	151,694
North Dakota	9,547	..	20,757	39,673	2,755	19,200	..	91,932
Ohio	20,470	5,117	17,571	15,085	382,998	871,127	1,303,431	2,615,799
Oklahoma .....	..	..	2,400	..	18,279	1,608	7,500	29,787
Oregon	8,000	63,000	218,173	506,725	344,894	185,334	229,102	1,555,228
Pennsylvania	63,882	12,504	12,469	29,911	35,185	102,329	123,564	379,844
Rhode Island .....	..	..	..	..	..	..	2,393	2,393
South Carolina .....	..	..	..	..	1,000	..	3,670	4,670
South Dakota	1,000	1,330	10,368	..	32,688	77,327	23,681	146,394
Tennessee	15,780	29,642	56,901	26,918	59,573	16,720	23,842	299,376
Texas .....	..	..	3,000	16,511	65,535	94,806	194,212	374,064
Utah .....	..	..	1,188	..	1,995	3,926	164,066	171,175
Virginia	13,333	..	2,000	5,779	1,247	12,422	4,200	38,981
Washington .....	..	1,000	6,962	41,569	144,395	614,507	602,976	1,411,409
West Virginia .....	..	..	900	..	3,290	42,687	139,839	186,716
Wisconsin	30,805	99,560	111,475	68,692	175,353	413,681	802,216	1,701,782
Wyoming .....	..	..	..	..	..	21,850	..	21,850
Total	819,515	565,615	1,298,551	2,106,880	5,686,399	9,652,078	14,210,090	34,339,128

SUMMARY OF ROADS, CITY STREETS, AND ALLEYS

CLASSIFICATION	PRIOR TO 1909 SQUARE YARDS	1909 SQUARE YARDS	1910 SQUARE YARDS	1911 SQUARE YARDS	1912 SQUARE YARDS	1913 SQUARE YARDS	1914 SQUARE YARDS	TOTALS SQUARE YARDS
Roads	33,661	30,674	151,148	266,077	1,869,486	5,050,783	9,154,341	16,556,170
City Streets	674,834	444,659	1,040,811	1,708,616	3,647,288	4,298,940	4,768,337	16,583,390
Alleys	111,020	90,282	106,592	132,187	169,625	302,355	287,412	1,199,568
Totals	819,515	565,615	1,298,551	2,106,880	5,686,399	9,652,078	14,210,090	34,339,128



0 020 513 683 6

SUMMARY BY PROVINCES OF CONCRETE HIGH

PROVINCE	PRIOR TO 1909	1909	1910	1911	1912			
ALBERTA.....	—	1,319	114,676	10,020	13,899	—	—	—
BRITISH COL.	—	—	10,283	28,075	31,899	40,414	36,371	147,042
MANITOBA.....	—	—	—	—	—	52,594	43,466	96,060
NEW BRUNS- WICK.....	—	—	—	—	—	540	—	540
NOVA SCOTIA	—	—	—	—	—	650	10,670	11,320
ONTARIO.....	72,806	23,664	17,831	26,055	132,300	209,336	344,884	826,876
QUEBEC.....	—	—	—	5,745	37,805	112,023	147,491	303,064
SASKATCHEWAN	—	—	16,000	16,710	—	—	—	32,710
Totals.....	72,806	24,983	158,790	86,605	215,899	469,000	608,469	1,636,522

SUMMARY OF ROADS, CITY STREETS, AND LANES

	PRIOR TO 1909	1909	1910	1911	1912	1913	1914	TOTALS
ROADS.....	—	—	—	260	9,369	98,081	71,459	179,169
STREETS.....	63,729	23,630	157,941	85,166	193,618	353,205	533,763	1,411,052
LANES.....	9,077	1,353	849	1,179	12,912	17,714	3,247	46,331
Totals.....	72,806	24,983	158,790	86,605	215,899	469,000	608,469	1,636,522